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CANISIUS COLLEGE

BUFFALO, N. Y.

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ANNUAL CATALOGUE
FORTY-SIXTH YEAR
1915-1916

A. M. D. G.

AUG 1 2 1915

Forty-sixth Annual Catalogue

OF

CANISIUS COLLEGE

BUFFALO, N. Y.

1915-1916

1916

JANUARY

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CALENDAR

1916

September
7—Thursday.
8—Friday.
9—Saturday.
} Entrance Examinations, Examinations of Conditioned Students. Registration.

11—Monday. Opening of Classes. Reading of Class Lists in Assembly Hall. *Schola Brevis.*

16—Saturday. Mass of the Holy Ghost at 9 A.M.

October
4—Wednesday.
5—Thursday.
6—Friday.
} Annual Retreat.

7—Saturday. Weekly holiday.

21—Saturday. Marks for September and October close.

November
1—Wednesday. All Saints. Holy Day.

14—Tuesday. Preliminary Contest in Oratory announced.

21—Tuesday. Marks for November close.

30—Thursday. Thanksgiving Day.

December
2—Saturday. Announcement of Subjects for Prize Essays.

5—Tuesday. Public Specimen in Natural Science.

8—Friday. Feast of the Immaculate Conception. Holy Day.

22—Friday. Marks for December close. Christmas recess begins at 2:50 P.M.

1917

January
4—Thursday. Classes resumed. Examination in English Composition. Repetitions begin.

22—Monday. Mid-year Examinations begin.

February 1—Thursday. Mid-year Holiday.

2—Friday. Second Term begins.

12—Monday. Lincoln Day.

13—Tuesday. Public Oratorical Contest.

22—Thursday. Washington's Birthday.

March 3—Saturday. Marks for February close.

27—Tuesday. Debate for Canisius Alumni Sodality Medal.

April 3—Tuesday. Marks for March close. Easter Recess begins at 2:50 P.M.

12—Thursday. Classes resumed.

23—Monday. Rector's Day.

May 8—Tuesday. Marks for April close. Last day for handing in prize essays.

10—Thursday. Examination in English Composition. Repetitions begin.

17—Thursday. Ascension. Holy Day.

22—Tuesday. Public Disputation in Philosophy.

June 1—Friday. Reception. League of the Sacred Heart.

5—Tuesday. Examinations begin.

12—Tuesday.
13—Wednesday.
14—Thursday.
} Retreat to Seniors.

17—Sunday. Baccalaureate Sermon in St. Michael's Church. Annual Commencement.

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CANISIUS COLLEGE

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This institution, conducted by the Fathers of the Society of Jesus, was opened in September, 1870, and incorporated on January 11th, 1883, by the Regents of the University of the State of New York, under the corporate title of

"The Canisius College of Buffalo, N. Y."

and empowered to confer degrees and academic honors. On October 25th, 1906, the charter of the College was amended so as to include the High School or Academic department.

BOARD OF TRUSTEES

REV. GEORGE J. KRIM, S. J., *President.*
REV. HENRY WOLFF, S. J., *Treasurer.*
REV. JOHN J. GREENE, S. J., *Secretary.*
REV. BERNARD C. COHAUSZ, S. J.
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REV. DAVID W. HEARN, S. J.
REV. PAUL R. CONNIFF, S. J.

FACULTY

REV. GEORGE J. KRIM, S. J.
President.

REV. DAVID W. HEARN, S. J.
Vice-President, Prefect of Studies,
Professor of Pedagogy.

REV. JAMES T. McCORMICK, S. J.
Prefect of Discipline.
Professor of Mathematics.

REV. HERMAN J. MAECKEL, S. J.
Professor of Logic, Metaphysics, Psychology, Ethics and
Political Economy, Lecturer on Evidences of Religion.

WILLIAM H. GRAHAM, S. J.
Professor of Logic and Metaphysics.

REV. LUDWIG G. BONVIN, S. J.
Emeritus Professor of the Theory of Music.

REV. HERMAN I. STORCK, S. J.
Professor of Chemistry and Geology.

JUDGE GEORGE A. LEWIS.
Professor of Elementary Law.

JOHN A. CURTIN, A. M.
Professor of Physics, Astronomy and Biology,
Director of the Meteorological and
Seismological Observatories.

REV. FRANCIS X. SINDELE, S. J.
Professor of Classics and English in the Sophomore Class.

REV. JOHN G. HACKER, S. J.
Professor of Classics in Freshman Class, Section A.

REV. HENRY A. McGARVEY, S. J.
Professor of Classics and English in Freshman Class, Section B.

MOORHOUSE I. MILLAR, S. J.
Professor of History and English.

RICHARD B. SCHMITT, S. J.
Professor of Physics.
Assistant Professor of Chemistry.

ERNEST P. KIONKE, A. B.
Professor of German and French.
Assistant Professor of Greek.

HISTORY

Canisius College was opened in September, 1870, by the Fathers of the German Province of the Society of Jesus. The Rev. William Becker, S. J., was the first president of the College. Its inception was the fulfillment of the earnest wish of the first Bishop of Buffalo, Rt. Rev. John Timon, for the establishment of an institution of higher education in his diocese. The first roll showed thirty-four students, about equally divided between the classical and the commercial courses. The former course required six years for its completion and the latter four.

On April 27, 1872, the feast of Bl. Peter Canisius, patron of the new institution, the cornerstone of a larger brick building on Washington Street was laid by the Rt. Rev. Bishop Stephen V. Ryan, D. D., and in November of the same year the central portion of it was completed; the north and south wings, with the Chapel and Hall and the Infirmary, were added in later years.

In December, 1872, the Rev. Henry Behrens was appointed President of the College. This eminent priest had been Superior of all the Jesuit Chaplains in the German forces during the Franco-German war, and for his services in that capacity had been decorated with the Iron Cross of Prussia. Under his energetic rule, which continued until 1877, the College made rapid and steady progress.

As early as 1875, a campus comprising about eleven acres, and situated at the corner of Main and Jefferson Streets, then on the outskirts of the city, was purchased to serve as a villa for the weekly holidays of the students and professors and to afford opportunity for sport and athletic games.

After September, 1894, students were no longer admitted for the commercial course. At the same time, the full classical course was lengthened to eight years, four years being given to studies of High School grade and the succeeding four to the College course. Both courses are fully recognized by the Regents of the University of the State of New York. At the completion of the High School, the Regents' examination may be taken by those who wish to do so; or the student may receive a "Qualifying Certificate for admission to professional or technical schools."

In the year 1907, the College was removed from the jurisdiction of the German Province of the Society of Jesus and

united to the Maryland-New York Province. About the same time, an important change occurred, in the discontinuance of the boarding department. This was due to the increase in the number of students and the lack of adequate accommodations for so large a body of resident pupils. From that period, day scholars only have been received; though a certain number of students coming from a distance find board and lodging with families in the neighborhood.

In 1911 began the erection of the present college building, on the former Villa ground, at the corner of Main and Jefferson Streets. This structure was dedicated, with appropriate ceremonies, by the Rt. Rev. Charles H. Colton, Bishop of Buffalo, on December 30th, 1912. On January 6th, 1913, the four College classes were transferred to the new building, leaving the students of the four High School years at the former location on Washington Street. This local separation of the College from the High School has resulted in marked benefit to both.

As yet only the central portion of the building as planned has been erected. But its noble proportions and stately dome make it already one of the chief ornaments of the city. The remainder will be built as funds and the exigencies of attendance in the future may warrant. The structure is of re-enforced concrete, absolutely fireproof, and provided with exceptionally perfect scholastic and scientific equipment.

System of Education

The purpose of this institution is to provide the young men of Buffalo and its vicinity with facilities for a thorough, liberal education, embracing all the secular branches taught in the best modern colleges, but based upon the unerring principles of religion and imbued with its spirit.

The educational sytem followed is substantially that of all the Colleges conducted by the Society of Jesus in every part of the world. Based on the famous *Ratio Studiorum Societatis Jesu,* a system outlined by the most prominent Jesuit educators in 1599, revised in 1832, and attended up to the present day with unfailing success, it secures on the one hand that stability so essential to educational thoroughness, while on the other it is elastic and makes liberal allowance for the varying circumstances of time and country.

While retaining, as far as possible, all that is valuable in the older learning, it adopts and incorporates the results of modern progress.

But its methods of teaching, being truly psychological, based upon the very nature of man's mental processes and perfected by centuries of experience, are applicable to all times and to every place. It is a noteworthy fact that many of the recently devised methods of teaching are in reality mere revivals of devices recommended long ago in the *Ratio Studiorum.*

Those who are desirous of making either a scientific or historical study of this system will find abundant sources of information in the following works: *Monumenta Germaniae Pedagogica,* Vols. II, V, IX, XVI; *Un Collège des Jésuites,* per C. De Rochemonteix, S. J. For a shorter, yet thorough commentary on the *Ratio Studiorum,* the reader is referred to *Jesuit Education,* by Rev. Robert Swickerath, S. J.

Education being the full and harmonious development of all the faculties of man, its aim is not mere instruction or the imparting of knowledge, but mental and moral training. With this object in view, such studies are chosen as will most effectively further that end, by giving the student a general and well-rounded development of all his mental faculties and training his mind to habits of accurate and logical thinking, thus enabling him to follow successfully any professional or business career that he may choose.

With such a system of mental training the unrestricted electivism advocated by some modern educators is incompatible, because students usually follow the lines of least resistance and choose in consequence an ill-arranged, unsymmetrical course. After many unsatisfactory experiments in extreme electivism, the best educators of the present day are beginning to realize more fully than before that prescribed curricula, embracing well-chosen and co-ordinated studies, afford the most efficient means of mental cultivation and development. This, however, does not prohibit the offering of more than one such systematic course, as for instance the Classical and the Scientific, nor even a moderate degree of electivism, especially toward the end of the course, for those who wish to specialize in the direction of their future profession. The College does not intend, however, to give professional instruction, but aims at a solid and broad preparation for the work of specialization which is proper to the university.

But quite as necessary as mental development, and even more so, is the forming of a young man's character, the guiding

of his moral faculties. Moral principles must be the solid basis upon which the whole education is to be built and the vital force supporting and animating the whole organic structure of education. Therefore, morality must be taught continuously and systematically; it must be the atmosphere which the student breathes, it must furnish the principles that will guide his entire conduct, his thought and actions.

But it is vain to pretend to give moral training without religion; therefore Canisius College, as every Catholic institution, insists on religious training as the only possible means of obtaining this moral development. Accordingly, the spirit of religion pervades its entire system of education; religious principles are inculcated as the invariable standard of conduct. Religious knowledge is carefully imparted, supplementing the catechetical instruction previously received in the High School with a thorough philosophical study of the evidences of religion and the objections commonly raised against it.

Catholic students are required to make the annual Spiritual Retreat, and to attend the Holy Sacrifice of the Mass in the College Chapel every morning. They are expected and urged to receive the Sacraments of Penance and Holy Communion at least once a week. Non-Catholic students are not required to take part in the exercises of religion.

OUTLINE OF STUDIES

The College course covers a period of four years. It presupposes a successful High School training, also of four years' duration.

It is one of the great advantages of this institution that it possesses a well-established and successful High School, which, while locally separated, is entirely under the control and direction of the College authorities. In this way, the preparatory studies are perfectly articulated with the College course. A student may therefore carry on his studies from the beginning under the same system and management, thus securing a uniform and homogeneous course of instruction, in which each year's work leads naturally to the next and prepares logically for it. Yet students from the public High Schools and other institutions of like grade are admitted, and receive every attention necessary to qualify them to follow the College course successfully.

Although entrance into some professional schools may be obtained as soon as a High School course is successfully completed, it has always been the earnest desire of the directors of this institution to see all the students of the lower department go on to graduation in the College. The requirement of a college degree as a condition of admittance is becoming increasingly prevalent among the best schools of Law, Medicine and Engineering. With this movement Canisius College is heartily in accord.

Course in Arts

The best means for acquiring that broad and thorough cultivation of the mental faculties which has been described above as the foundation for special and professional training is recognized to be the full and accurate study of the Latin and Greek classics. In connection with these, a thorough training in the arts of composition and rhetoric and in general literature, together with a comparative study of the English language and literature, is essential.

The analytical study of language and letters promotes exactness of thought, delicacy of perception and facility of expression, by the constant and keen exercise of judgment and taste, as well as of the reasoning powers. In this regard, the languages of ancient Rome and Greece, when intelligently and seriously studied, offer greater advantages than any other. They are also most helpful to the knowledge of our mother tongue. Their structure and idiom, so remote from the language of the student, reveal to him the laws of thought and logic and demand reflection and analysis of the fundamental relations between ideas and expression; they exercise him in exactness of conception in grasping the author's meaning and in clearness and delicacy of expression in clothing that thought in the very dissimilar garb of his own native tongue.

One modern language, usually French or German, is required, in addition to English.

History, which has been rightly described as Philosophy taught by examples, brings the student into close contact with the great minds and characters of all ages and familiarizes him with the development and vicissitudes of civilization.

The Higher Mathematics, beside providing the scholar with the instruments of progress in the natural sciences, impart to the mental faculties a special kind of training that cannot be ignored.

The sciences of Physics, Chemistry, Geology and Biology must be known, at least in their outlines and with exact appreciation of their principles, if one wishes to be abreast of modern thought. They are, therefore, made obligatory features of the course.

But, above all, Mental Philosophpy is considered of the highest importance. It gives the key to all true knowledge of nature, of man and God, and lays the only solid foundation for all other sciences, while revealing their interdependence and method.

Hence in the last two years of the course a thorough study is made of Scholastic Philosophy in its various branches, such as Logic, Metaphysics, Psychology, Natural Theology, Ethics and Political Economy.

The successful completion of this arduous course is rewarded with the degree of Bachelor of Arts. It is perhaps no violation of modesty to maintain that it is absolutely the best and most complete course for its purpose possible under the present conditions of human learning.

Course in General Science

However, as a considerable number of students are unable or unwilling, from disposition of mind or the character of their previous preparation, to undertake this highest and most perfect curriculum, the College provides a Scientific Course, substituting for Latin and Greek a fuller training in various branches of Natural Science, but retaining the other studies intended for general culture. The various branches of Philosophy especially, are granted a large share of attention. This course leads to the degree of Bachelor of Science. It is more fully described in a later section of this catalogue.

Pre-medical Course

This course is intended for students preparing to enter upon the study of medicine and who are unable to devote to college studies the period of four years necessary for the attainment of a degree in Arts or Science.

This Pre-medical Course is of one or two years' duration, according to the needs of the applicant and the requirements of the medical school he contemplates entering. This course fulfills all the requirements in Physics, Chemistry, Biology, Mathematics, History and Modern Languages, both of the Regents of

the New York State University and of the American Medical Association. Requirements for admission are the same as in the Course in General Science. Those who elect the two-year course will include the study of Philosophy prescribed for the Junior and Senior years of the B. S. Course.

Special Students

Candidates desiring to omit certain branches in any of the established curricula may be admitted as Special Students, provided they show themselves qualified to follow successfully the studies chosen. Such students are not candidates for a degree, but will receive a certificate showing their standing in all branches completed by them. The Course in Philosophy, either in Latin or English, offers many intellectual advantages.

Sessions and Holidays

The scholastic year begins on the second Monday of September and closes with the Commencement exercises toward the end of June.

The Christmas Holidays extend from December 24th to January 2nd, inclusive.

The Easter Recess begins on Wednesday in Holy Week and continues until Tuesday in Easter Week, also inclusive.

No class is held on legal holidays or days of obligatory religious observances.

It is highly important that all the students be present on the day of opening, as the regular class work begins at once. Disregard of this rule cannot but result in great inconvenience to class and teacher, and in greater disadvantage to the late comers themselves. Late comers, whether after the Summer or Christmas holidays, cannot compete for class honors, unless they present an excuse satisfactory to the authorities.

Admission

Candidates for admission, who are not personally acquainted with some member of the faculty, must present *testimonials of good moral character.* If they have previously attended some other institution of learning, *detailed information concerning their previous studies is demanded,* as well as a certificate of their class standing, and of honorable dismissal.

Admission may be by Examination, Regents' Diploma, or Certificate from an accredited academy, high school or normal school.

In all cases, the candidate must give satisfactory evidence that he has completed successfully a four year's course of study

of High School grade, and that he possesses the knowledge requisite for pursuing the studies comprised in the course to which he seeks admission.

A detailed statement of the requirements for both the Classical and Scientific Courses will be found in a later section of this pamphlet.

Candidates for admission as Special Students must show themselves qualified to follow successfully the studies chosen. For this purpose, such tests will be required in each case as the Dean and the various Professors deem advisable.

Parents who wish to withdraw their sons before the end of the scholastic year are respectfully requested to give due notice of their intention to the College authorities; otherwise no deduction from the tuition fees can be made.

Examinations and Reports

The standing of each student is determined by daily recitations, home work and oral and written reviews. Every month the class standing of all students is publicly read in the assembly hall. On this occasion a testimonial of "First Honors" is awarded to every student who merits a total of 95 per cent. in his class; a testimonial of "Second Honors" to every student who merits a total of 90 per cent.

In determining the class standing in the Arts course, Latin, Greek, English, History and Evidences of Religion are combined. Separate averages are computed for standing in Mathematics, Natural Sciences and Modern Languages.

In the Science course a similar method is pursued, Natural Sciences, English, History and Evidences of Religion being combined in determining the class standing.

Monthly as well as semi-annual reports are sent to parents and guardians, who are requested to sign and return them promptly.

The student's proficiency is determined accocrding to the following table:

100 to 95 per cent	Excellent
95 to 85 per cent	Very Good
85 to 75 per cent	Good
75 to 70 per cent	Tolerable
70 to 65 per cent	Unsatisfactory
Below 65 per cent	Failure and condition

A condition means that the student has to pass a satisfactory examination in the branch in which he has failed, before he can be promoted to a higher class.

Written *tests* in all branches are held repeatedly during the year. *Oral examinations* in Latin and Greek, and *written examinations* in all branches are held at the close of each term. A fixed day will be set for the examination of all students subject to conditions. Any conditioned student requesting an examination at any other time will be required to pay a fee of one dollar.

Premiums and Distinctions

The first prize in each class is a gold medal, which is awarded to the student who has the highest class standing for the whole year; a premium is awarded to the student next in merit. Premiums are also awarded to all students having the highest total average in their respective classes of Mathematics, of Modern Languages, or of Sciences. Distinctions in single branches suppose a percntage of 86 in that branch.

Students who fail to reach an average of 65 per cent. for the year in any class branch are debarred from the medal and the premium of that class, even though their general average might otherwise entitle them to one or the other.

Any serious complaint against a student's conduct, attendance, application or deportment will exclude him from all honors.

The following special prizes are open to competition:

A prize of twenty dollars in gold for the best essay in Chemistry.

Canisius Alumni Sodality Medal for excellence in public debate.

A prize of twenty dollars in gold for the best English essay on some literary or historical subject.

Scholarships

The Scholarships are of two kinds—permanent and annual. A permanent scholarship is provided by a gift of $1,500; an annual scholarship by a gift of $60.

The following scholarships now exist in the College and High School and are available as they become vacant:

Perpetual Scholarships

The Fricker Scholarship, founded by Miss Flora Fricker.

The Leddy Scholarship (1), founded by Rev. H. M. Leddy.

The Leddy Scholarship (2), founded by Rev. H. M. Leddy.

The Biden Scholarship, founded by Rt. Rev. Mgr. John Biden, D. D.

The St. Michael Scholarship, founded by a Friend.

The Canisius Alumni Sodality Scholarship, founded by the Canisius Alumni Sodality.

The C. H. F. Scholarship.

The Ignatius Woeppel Scholarship.

Eighteen General Scholarships.

Annual Scholarships

One Scholarship given by the Canisius Alumni Association.

One Scholarship given by the Canisius Alumni Sodality.

The scholarships at present in existence apply to both the High School and College, but the tenure of the incumbent ceases at the end of the High School period and the scholarship is thrown open to general competition for the College course.

Any holder of a scholarship whose conduct or proficiency in studies fails to give satisfaction to the College authorities will forfeit his privilege.

Information concerning conditions, dates of competition, etc., may be obtained from the Dean.

New York State University Scholarships

In every county of New York State, five scholarships for each assembly district comprised therein are given annually by the State. In Erie County, therefore, the number of such scholarships is forty-five.

Each such scholarship entitles the holder thereof to the sum of one hundred dollars for each of the four years of attendance upon an approved college in this State.

The Scholarships are conferred by the Commissioner of Education upon those students who have passed with the highest standing in their respective counties (not districts) the Regents' examinations for college entrance and have secured the corresponding diploma.

Canisius College is one of the approved institutions in which such scholarships may be enjoyed.

Discipline

The regulations of the College are calculated to secure the order necessary for the effectual pursuit of studies to develop and strengthen character, and to promote gentlemanly deportment and polite manners. They are enforced with paternal gentleness, combined with energy and firmness. The motives appealed to are honor, conscience and religion.

Although the institution cannot be held responsible for the conduct of students outside of the premises, yet bad conduct outside as well as on the premises, profane or unbecoming language, insubordination, continued inapplication to studies or irregularity in attendance, are causes for dismissal.

The class hours are: 9:00 to 10:50 a. m.
11:00 to 11:55 a. m.
1:00 to 2:50 p. m.
every weekday except Wednesday, the weekly holiday.

All lecture and class periods are of fifty-five minutes, actual duration.

The students are required to be regular and punctual in their attendance. Without regular attendance and serious application on the part of the students, it is impossible to attain the purpose for which they are received into the institution.

Parents and guardians of students are informed that home study for the space of *two or three hours* is required every day. If a student does not devote this amount of time to his studies, the Prefect of Studies should be informed. A notice should also be sent whenever illness or any other cause prevents a student from attending class; a written excuse signed by parents or guardian must be handed to the Prefect before a student is again admitted to the class. In case of absence, parents are regularly notified. In general, FREQUENT COMMUNICATION OF PARENTS WITH THE AUTHORITIES IS INVITED.

Academic Costume

The wearing of the university cap and gown by the students of the Junior and Senior years is encouraged, especially on the more solemn academic occasions. Graduates are entitled to wear the complete academic costume, consisting of gown, cap and hood. All members of the Faculty holding degrees from other institutions of learning may wear the hood proper to the same degree in this College.

It is hoped that at all commencements and other gatherings of an academic nature this right will be exercised by those possessed of it.

The hood indicates in every case the wearer's degree. The Bachelor's hood is ten inches shorter than the Master's, while the Doctor's hood, of the same length as the Master's, is attached to a broad panel of the same material as the hood itself. The department in which the degree was taken is pointed out by the

color of the edging—white designating Arts or Letters; gold-yellow, Science; blue, Philosophy; purple, Law; green, Medicine; lilac, Dentistry; scarlet, Theology. The interior of the hood is lined with the college colors, viz., royal blue and old gold, in silk.

EQUIPMENT

The new building in which Canisius College has been housed since January, 1913, is extremely perfect in respect to light, ventilation and hygiene. Being of re-enforced concrete construction, with trimmings of Vermont and Tennessee marble, it is considered entirely fireproof. The class rooms are flooded with light and the desks are so arranged that the illumination is always from the left. Adjustable seats render possible the best posture in studying and writing. The electric lighting is abundant and judiciously distributed. In order to avoid the injurious effects of the low frequency alternating currents furnished by the lighting company, a direct current dynamo has been installed by the College with satisfactory results.

The building still lacks the two capacious wings necessary for its completion. While the class room accommodations and the laboratories are sufficient, though barely so, for present requirements, great need is felt of an assembly hall for academic gatherings, lectures and dramatic entertainments, of a chapel, a library and a gymnasium. The rooms in which these most important departments are temporarily established are entirely inadequate. It is hoped that friends of higher education may come to the assistance of the College and enable it at no distant day to erect one or both of the wings included in the original design.

Libraries

The libraries of the College Department, since the separation of the latter from the High School, have been in process of formation. The Faculty Library now comprises somewhat more than five thousand volumes. Although this number is very small, the careful selection of the works renders the collection very useful for the purposes of the professors.

The Students' Library also comprises several thousand books. The leading periodicals, both Catholic and secular, are supplied to the Reading Room.

A special Scientific Reference Library of over two thousand volumes and a large number of periodicals relating to branches of Natural Science are at the command of students in these fields.

If the books of the High School are included, the College possesses in all some forty-six thousand volumes, exclusive of pamphlets.

It is earnestly desired to build up a great collection, as the most efficient means, after positive instruction, for the attainment of erudition.

During the past year, an appeal made to alumni and friends in the columns of the Canisius Monthly met with a gratifying response. More than eleven hundred volumes, mostly very desirable, with three hundred and ninety dollars in money, were received from this source. The volumes added comprise many sets of standard essayists, novelists, and historians, Lemaire's complete edition of Latin classic authors in one hundred and forty-one volumes, etc., etc.

The donation of books is one of the best means by which friends may aid the College. If some person of means, or some society would undertake to supply the famous Migne collection of Latin and Greek Fathers of the Church, or either the Latin or Greek portion singly, the foundation of a great library would be laid.

The entire Patrology costs in Paris about eleven hundred dollars, and the two sections singly in proportion.

EQUIPMENT OF THE SCIENCE DEPARTMENT

Chemistry

The equipment of the Depaprtment of Chemistry consists of a lecture-room capable of seating comfortably eighty students, a private laboratory for the instructors and advanced students, and a large, well-lighted students' laboratory with desks for forty-eight students working at one time.

In the lecture-room, the professor's table is of the most approved construction, being supplied with alternating and direct current for electrical work, a fume vent, gas, hot and cold water, exhaust and compressed air valves. There is a large tank at one end of the table with glass panels on three sides. The room is also equipped for stereoptic projection. Immediately adjoining the lecture-room is the Professor's private laboratory and balance room. A well supplied store-room for apparatus and chemicals is situated on the floor above the laboratory. Portions of periods are devoted to academies, in which students perform and explain various experiments.

The students' laboratory adjoins the prepapration room. The desks of the laboratory are arranged so that each may be used successively by two or more students, thus increasing the capacity of the laboratory to over one hundred persons. Each desk is supplied with cold water, exhaust, compressed air, a fume vent and direct current for electro-chemical experiments. Alternating current is also available, if needed. There is also a large hood in the laboratory with hydrogen sulphide supply. This hood is ventilated by a motor-driven exhaust fan. The laboratory is abundantly well lighted and ventilated.

A large supply of chemical apparatus of recent type affords facilities for experiments and systematic work in all the departments of general, analytical, organic and industrial chemistry.

A field in which the College equipment proves of general benefit to the City of Buffalo was indicated during the past year by work done in solving problems for certain industrial houses.

Physics

The Department of Physics has at its disposal a lecture-room equal in size and similar in equipment to the chemical lecture-room. The Physics lecture-table has a detachable end mounted on rollers, by means of which delicate instruments may be brought, without danger of breakage or disarrangement, from the instrument room. A heliostat of special design is available for all experiments on light. The professor's laboratory and preparation room is immediately adjacent to the lecture-room. In this laboratory are the motors and dynamos generating current for power purposes for the entire scientific department.

The cases of the instrument room adjoining are of special design and ample size. The stock of instruments is abundantly sufficient for all the courses offered, and is being constantly added to. The Bischoff collection of lantern-slides, numbering over five thousand and covering most natural science subjects, as well as subjects of history, travel, etc., is kept in the instrument room. One thousand lantern-slides, constituting ten lectures on strictly technical subjects, have recently been added to the Bischoff collection.

The students' laboratory in Physics contains ten tables, each for four students working simultaneously. Each table has gas, compressed air, alternating and direct current. There is a fully equipped photographic dark-room at one end of this laboratory, so constructed that it can be used also for experiments in light and optics. The dark-room also contains nitrogen and tungsten lamps sufficient to produce two thousand candlepower for copying purposes. A Fuller-Schwing copying camera of com-

mercial size is available for the production of lantern-slides for lectures.

The receiving and transmission apparatus of the wireless station is located in a corner of the laboratory. This station has a sending capacity of two hundred miles under all conditions and is used entirely for experimental purposes and for instruction. By the addition of an "Audion" receiving detector the range of the receiving station is increased to considerably over two thousand miles. When the antenna is not in use for wireless purposes, it is directly connected to an electro-static recorder which shows the intensity of the earth's electrostatic field for meteorological study.

During the year the physical equipment was increased by the following instruments:

Radio Apparatus Co., wireless receiving transformer; Dr. DeForest, "Audion" with Hudson filament; Torsion pendulum and inertia balance; Gyroscope with 3½ inch wheel; Truss and hoisting crane; Boyle's law apparatus; Constant volume Air Thermometer; Variable speed and multiple recording kymograph; Wollaston Cryophorus; set of magnetic lines of force apparatus; Wheatstone Bridge, (Diamond form); complete set of Thompson magnetic repulsion apparatus; Clapp-Eastham high-speed motor and rotating spark gap; Leeds-Northrup Co., enclosed type lamp and scale; Queen & Co., high sensitivity galvanometer; L.-N. galvanometer telescope and scale.

During the year a number of investigations have been carried on in the laboratory in regard to problems submitted by various companies and individual citizens.

Biology

The Biological equipment consists of a lecture-room containing excellent teaching collections. There is a Botanical collection of over one thousand speciments of the flora of New York State. A complete collection of Agaricus is here available for study. The Zoological and Physiological collection embraces many specimens for the study of Physiological and Comparative Anatomy. An excellent collection in Paleontology and Stratigraphic Geology is located provisionally in this room. There is also a collection of reptiles and insects for the study of Entomology. The biological laboratory is located at present at one end of the physical laboratory, provision being made for at least thirty students. The laboratory equipment consists of fifteen high-power microscopes, twelve individual dissecting microscopes, dissecting apparatus, microtome, sterilizers, culture oven,

imbedding apparatus, electric germinating bed, centrifuge, apparatus for blood test and urinalysis, etc.

The following additions were made to the biological equipment during the year: Five B. H 2 Bausch & Lomb high-power microscopes complete; six students' dissecting microscopes; one variable speed centrifuge; one set for milk analysis; one Haematokrit; one set of permanent microscopical mounts of Pathological Germs (standard); one Dr. Healy comparison ocular; one Bausch & Lomb indirect illuminating ocular; seventy-five lanternslides of the Cerebro-spinal and Sympathetic Nervous Systems; four full-size anatomical charts for pre-medical study.

Geology

The College possesses excellent collections in Mineralogy, Lithology, Structural and Historical Geology. Besides the display collection covering Crystallography, Physical and Chemical Mineralogy and Lithology, there are a number of sets of minerals and rocks for individual work in these subjects. Among other aids to the study of Geology may be mentioned the Ashton collection, as well as complete sets of the publications of the United States Geological Survey, of the New York Survey and of the Smithsonian Institute, in Washington. From the Bischoff collection there are available over a thousand lantern-slides for teaching Geology. An excellent polarizing microscope by Reichert of Vienna together with fifty permanent microscopic mounts are available for microscopic study of minerals and crystals.

Astronomy

For Astronomy, the College possesses an excellent 3½ inch equatorial. From the roof of the College weekly observations are made on favorable evenings by the members of the class. Since April 1st, 1915, daily observations of sun-spot phenomena have been made. By means of suitable apparatus a Graflex camera recently acquired is attached directly to the telescope and photographs of sun-spots and faculae have been made. A permanent record of these phenomena is kept for studies in meteorology.

The College is also supplied with numerous astronomical maps and charts, together with a series of astronomical lanternslides. The B-K Solar Calculator was secured during the year for teaching the apparent motion of the sun in relation to any point on the earth's surface and any time of the year, the altitude of the sun at any latitude upon any day of the year, to determine the sun's zenith distance and kindred problems.

The Meteorological Observatory

In November, 1912, by direction of the Chief of the United States Weather Bureau, the new Canisius College was selected as the site of an auxiliary station of the Bureau under the Superintendence of the District Forecaster of the Buffalo District. The object of the station was to be climatological investigation and the open situation of the new College was declared to be ideal for the purpose. A full meterological equipment was installed consisting of the following:

A standard forty-foot tower erected at the northeast corner of the College roof for the wind-vane, anemometer and sunshine recorder; Robinson anemometer; wind-vane, standard four-foot pattern; electrical thermometric sunshine recorder; instrument shelter, with maximum and minimum, wet and dry bulb thermometers; tipping-bucket rain gauge; rain and snow gauge; Ricard aneroid barograph; Ricard thermograph; meteorograph, triple register, quadruple register.

The recording instruments are in a room in the northeast corner of the building, immediately under the tower. Visual observations of temperature, rainfall and humidity are made daily at 8 A. M. and 8 P. M. Maximum and minimum temperature and rainfall for each twenty-four hours are telephoned to the Buffalo local office of the Weather Bureau. A monthly report and summary is forwarded to the Central Bureau for New York State at Cornell University. While there is no distinct course in Meteorology at Canisius, the fundamental principles of the science are given in the lectures in Physics and Geology. Each year a number of assistants will be selected from among the students to aid the director in taking observations. They will be instructed in the use and care of instruments and in making observations from them.

The Museum

The College Museum is set up temporarily in the large room adjoining the biological lecture-room. It contains the mounted specimens of animals, the geological and mineralogical collections, the Ashton collections of shells and corals, the entomological collection and those of coins and stamps.

For the lack of room in the Museum, the bird collection, the collection of Indian and Roman relics, and the Bibles and manuscripts are displayed in other rooms. This last named collection includes a copy of the famous Koberger Bible in German, published in 1483, the year of Luther's birth; the great Antwerp Polyglot Bible in six versions, a German Bible of 1534, translated by Peter Jordan, and another of 1536 by Dr. Johannes Eck, with

other editions of the Scriptures in western and oriental languages and many early and curious printed works, maps, etc.

The Seismological Observatory

The Seismological observatory is situated in a vault in the basement. It is provided with an eighty kilogram Weichert horizontal pendulum (astatic). The instrument, encased in an air-proof chamber, rests upon a solid concrete base which extends to solid rock twenty feet below the level of the street. The concrete pier is surrounded by water on the surface of which floats oil. The arrangement prevents slight surface shocks from being recorded. The location of the seismograph is extremely favorable for the observation of earthquakes and earth tremors and the instrument has shown remarkable sensitivity. During the year no less than fifteen major quakes and as many more minor shocks were recorded. Disturbances as far east as Smyrna, a distance of approximately 10,000 miles, have been noted. Since the first of January, 1915, the Canisius Seismological Observatory has become one of two hundred stations co-operating with the United States Weather Bureau Department of Seismology. Upon the invitation of the Chief, Professor C. F. Marvin, monthly reports are sent to Washington and printed in the "Monthly Weather Review."

Efforts are now being made in the observatory to measure the periodical tilting or displacement of the pier and instrument from the vertical due to uplift of the strata, or "earth-tides." A modified form of experimental seismograph is being constructed upon another concrete pier in the observatory and suitable recording apparatus has been ordered. Results valuable to science are hoped for in the combination of continuous and synchronous meteorological and seismological observations..

Students interested may be appointed assistant observers in the seismological observatory also.

Recreation and Athletics

Recreation rooms, with pool tables, piano, etc., afford opportunities for indoor amusement.

The athletic field adjoining the College comprises some eight acres and is well graded. During the past year it has been enclosed with an iron fence.

Lawn tennis courts have been laid out and a running track, to be considerably more than a quarter of a mile in length, has been begun. Stands and seats from which the games may be comfortably witnessed are very much needed, as is also a gymnasium building.

The Athletic Association would appreciate the assistance of alumni and friends in providing for this need and in otherwise developing athletic exercises in the College.

Fees and Other Expenses

Tuition, in all departments, per annum $60.00

Library Fee, in all departments, per annum 2.00

Science Fees.—All students, whether of the Arts or Scientific department, who take courses in Natural Science, are subject to special fees, to cover the expense of common materials used in laboratory and lectures, such as gas, electricity, etc., and for the use of general scientific apparatus. These charges are higher for students of the Scientific Course, owing to the larger proportion of laboratory work and consequent use of material and apparatus.

Arts Course:

Chemistry, Gen. and Qual. Anal., per annum 10.00
Physics, 1st and 2nd year, per annum 10.00
Biology, per annum 10.00

Scientific Course:

Chemistry, Gen., Qual., Quant. Anal. and Organic, per annum 20.00
Physics, 1st year, per annum 10.00
Physics, 2nd year, per annum 20.00
Biology, per annum 10.00

Pre-medical and Special Students and those taking scientific lecture courses are charged according to the fees of the Scientific Course.

Graduation Fee 10.00

All regular charges are to be paid quarterly in advance.

Accounts date from the first day of the quarter. No deduction is made for absence, except in case of protracted illness.

Former students applying for a detailed certificate of standing must pay a Registrar's fee of $1.00.

Text-books and stationery, when purchased from the College, must be paid for in cash.

Degrees will not be conferred upon students whose debts to the College remain unpaid.

Students whose accounts with the Treasurer have not been settled before the close of the year will not be allowed to take honors, to be promoted to a higher class, or to receive a certificate.

Requirements for Admission to the Arts Course

These requirements are in substantial agreement with the entrance requirements of all the colleges in the State of New York, and fully comply with the Regents' requirements for a college entrance diploma.

I. ENGLISH:

1. Principles—Principles of Composition and Rhetoric involved in the use of words, the structure of sentences and paragraphs; the ordinary forms of composition; letters, narrations, descriptions and essays, versification.

   The matter contained in Genung's Outlines of Rhetoric and Coppens' Introduction to Rhetoric will serve to indicate what is demanded under this head.

2. Practice—The candidate will be required to write an essay based on the authors specified below for thorough study. The work must be correct in spelling, punctuation, idiom and division into paragraphs, and must give evidence of some proficiency in narration and description.

3. Literature:

   (a) A *thorough* study of the following works is required: Shakespeare's Merchant of Venice; Tennyson's Holy Grail and Sir Galahad; Gray's Odes and Elegy; Macaulay's Essays on Addison and Life of Johnson; Scott's Lay of the Last Minstrel; De Quincey's Joan of Arc; Irving's Sketch Book; Goldsmith's Deserted Village.

   (b) A *general* knowledge of the following is required: Addison's Sir Roger de Coverley; Coleridge's Ancient Mariner; Scott's Ivanhoe and The Lady of the Lake; Dickens' Christmas Stories; Longfellow's Hiawatha; Hawthorne's Tanglewood Tales; Wordsworth's Selected Poems.

II LATIN:

1. Grammar—A thorough knowledge of the grammar, particularly of the structure of subordinate and dependent clauses in direct and indirect discourse. Also some acquaintance with Latin prosody and its application to hexameter and pentameter verse; scansion of Virgil and Ovid.
2. Composition—Translation into Latin of an easy continuous prose passage, based upon Cæsar or Cicero.
3. Reading—Nepos: Lives, to the end of the life of Alcibiades; also the life of Atticus.
   Cæsar: *De Bello Gallico,* four books.
   Ovid: Selections from the *Metamorphoses* and *Tristia* (1000 lines).
   Virgil: Eclogues; Aeneid, Book I.
   Cicero *De Senectute* or *De Amicitia.* Orations against Catiline.
   Sallust: Catiline or Jugurtha.
   The translation at sight of passages not previously seen.
   Equivalents will be accepted.

III. GREEK:

1. A thorough knowledge of the etymology and syntax of the Greek grammar is required and must be shown by the candidate in oral explanation of passages taken from authors and in translation from English into Greek.
2. Reading—Xenophon, four books of the Anabasis, or an equivalent from the other writings of Xenophon.
3. Sight reading of easy Attic prose.

IV. HISTORY:

1. Greek and Roman History.
2. English and American History.

V. MATHEMATICS:

Advanced Algebra.
Plane and Solid Geometry.
For advanced students: Trigonometry.

VI. FRENCH OR GERMAN:

1. Grammar.
2. Translation.
3. Grammatical Analysis.

Course of Studies

The Arts Course

FRESHMAN CLASS.

I. Evidences of Religion: (Two hours a week).
(Wilmers' Handbook of the Christian Religion) Creation of the world, various grades of creation, spiritual world, material world, man. God, the Redeemer of fallen man. Grace, actual grace, sanctifying grace. Sacraments in general. Baptism, Confirmation, Holy Eucharist.

II. Latin: (Seven hours a week).
1. Authors:
I Term: Virgil, Aeneid.
Horace, Ars Poetica.
Cicero, Pro Archia.
Livy, selections for translation and sight reading.
II Term: Horace, Odes (selected).
Cicero, Pro Marcello, Second Philippic or De Signis.
Livy, (as above).
2. Composition—Principles of Latin style. Latin prosody and versification with special reference to Latin lyric metres. Prose composition twice a week; verse once a week.

III. Greek: (Five hours a week).
1. Grammar—Review of Greek moods and tenses. Prosody and versification for the structure of epic and tragic verse.
2. Authors:
I Term: Plato, Apology.
Homer, Odyssey.
Herodotus, (selections for sight reading).
II Term: Demosthenes, Olynthiacs.
Euripides, Hecuba.
Herodotus, (selections for sight reading).
3. Composition—Written exercises once a week, in imitation of Plato and Demosthenes.

IV. ENGLISH: (Three hours a week).

1. Precepts—Principles of literary criticism. Choice of words. Elegance, vigor and variety of expression. The orderly and logical development of thought. Prose, rhythm, style. Principles of narration, description and exposition. Nature of poetry. Poetic diction. Versification. The Epic. A comparative study of the Odyssey. Æneid and Paradise Lost. Lyric poetry, its various kinds. (Kleutgen, *Ars Dicendi;* Connell, *A Study of Poetry*). . . . . .
2. Authors: Prose—Newman, Ruskin, De Quincey, Hawthorne, Arnold (Brewster's Studies in Structure and Style). Poetry—Selections from Shelley, Wordsworth, Keats, Tennyson (Palgrave's Golden Treasury), Milton, Paradise Lost, I, II; Shakespeare, Julius Cæsar, Midsummer Night's Dream.
3. Composition: One composition in prose or verse to be written each week outside of class. The nature of this composition work will be in keeping with the scope of the class work as outlined in the precepts given above.
4. History of English Literature: Early English literature. The Age of Chaucer. The Elizabethan Period. Shakespeare and his Contemporaries. (Brooke's English Literature).
5. Elocution.

V. MATHEMATICS: (Four hours a week).

I Term: Plane Trigonometry with its application to practical Surveying and Elementary Navigation. (Wentworth).

II Term: Analytical Geometry, loci and equations, the straight line, the circle, parabola, ellipse, hyperbola; general discussion of the equation of the second degree.

VI. HISTORY: (Two hours a week).

The first Teutonic invasions. The fall of the Western Empire. The kingdoms of the Franks, Ostrogoths and Lombards. The Arabians. The establishment of the Papal States. Church and State. Carolingians, Northmen, Norman exodus. Lay investiture. Crusades. (Guggenberger's General History, Vol. I).

VII. GERMAN OR FRENCH: (Two hours a week.)

German 1. Principles of German Style: Bone, Part II.

2. Prose Composition: Different kinds of prose com-

position, especially historical, narrative and descriptive.

3. Reading: One or more of the following: Schiller, Wilhelm Tell, Wallenstein; Brentano, Der Fahrende Schueler; Klopstock, Messias; Niebelungen Lied.

French 1. Characteristics of French Style.

2. Prose Composition: Conversational, narrative, descriptive.

3. Reading and Literary Criticism: One or more of the following: Châteaubriand's Les Adventures du Dernier Abencerrage, Molière's Le Bourgeois Gentilhomme or L'Avare, Corneille's Le Cid or Polyeucte.

SOPHOMORE CLASS.

I. EVIDENCES OF RELIGION: (Two hours a week).
(Wilmers' Handbook of the Christian Religion).

I Term: The Sacraments of Penance, Extreme Unction, Holy Orders, Matrimony, the Church as a means of salvation. The Last Things. Basis of morality. Objective and subjective norm of human action. Moral good and moral evil.

II Term: The Theological Virtues. Virtue of Religion, Christian duties toward ourselves and our neighbors, Christian perfection.

II. LATIN: (Eight hours a week).

1. Authors:

I Term: Cicero, Pro Lege Manilia.
Horace, Epodes, Satires, Epistles (selected).
Tacitus, Agricola or Germania.

II Term: Cicero, Pro Milone, Pro Ligario.
Juvenal, Satires (selected).
Tacitus, Annals, Book I.

3. Composition: Oratorical prose composition and occasionally an exercise in Latin verse.

III. GREEK: (Five hours a week).

I Term: Demosthenes, First Philippic; or
Æschylus, Prometheus Bound.
Sophocles, *Œdipus Tyrannus.*
Thucydides, Book II (selections).

II Term: Demosthenes, *De Corona.*
Thucydides, Book II (continued).

IV. ENGLISH: (Three hours a week).

1. Prcepts of Oratory (Kleutgen, *Ars Dicendi,* and Coppens, Oratorical Composition).

2. Rhetorical Analysis of Great Orations:
   I Term: Burke, American Taxation or Bristol Election.
   Cicero, Pro Lege Manilia.
   Demosthenes, First Philippic, or
   Æschines, Against Ctesiphon.
   II Term: Cicero, Pro Milone.
   Demosthenes, *De Corona.*
   Burke, Conciliation with America.
   Webster, Adams and Jefferson.
3. Authors:
   I Term: Shakespeare, Hamlet (analysis), King Lear (reading).
   Burke, Speech to the Bristol Electors.
   Webster, Bunker Hill.
   Newman, Second Spring.
   Palgrave, Golden Treasury.
   II Term: Shakespeare, Macbeth (analysis).
   Bradley, Oratorical Selections.
   Stedman, American Poets.
4. Composition: Oratorical. Exercises in the application of the precepts of rhetoric. Practice in the drawing of briefs.
5. History of English Literature, from the death of Elizabeth to the Victorian Period (Brooke's English Literature, cc. V-X).
6. Elocution.

V. MECHANICS: (Two hours a week).
Theoretical and Experimental Mechanics. Kinetics. Dynamics. Mechanics of Liquids and Gases.

VI. CHEMISTRY: (Three hours a week).
General Inorganic Chemistry: Lectures, recitations and laboratory work. Introduction to Chemistry. Fundamental laws, history, occurrence, preparation and properties of the elements and their principal compounds. Gravimetric and volumetric relations. Kinetic molecular hypothesis. Solution, chemical equilibrium. Ionization and interactions of ionic substances. Flame and illuminants. (Text-book, Smith's College Chemistry).

VII. HISTORY: (Two hours a week).
Causes of the so-called Protestant Reformation; The Great Western Schism, The Hundred Years' War, Wars of the Roses, Consolidation of the European Monarchies. The Reformation in Germany, in

England and Scotland. The Catholic Revival. The Wars of the Reformation; Huguenot Wars, Mary and Elizabeth, The Thirty Years' War, the Puritan revolt. Age of Louis XIV. (Guggenberger, Vol II).

JUNIOR CLASS.

I. Evidences of Religion: (Two hours a week).

Wilmer's Handbook of the Christian Religion). Revelation in General. Pre-Christian revelation. Christian revelation. Institution of the Church. Constitution of the Church. Marks of the Church. Teaching office of the Church. Scripture, Tradition. Existence of God. Nature and attributes of God.

II. Philosophy:

Formal Logic: (Five hours a week for one term).

Intellectual perception; division of ideas and terms. Definition and division.

Judgment—Division of judgments and propositions. Opposition of judgments.

Reasoning—The reasoning process. Rules of the simple categorical syllogism. Conditional and disjunctive syllogism. Different forms and kinds of argumentation. Syllogistic concentration and fallacies.

Applied Logic: (Five hours a week for one term).

Logical truth and certainty. Human certainty vindicated against skeptics. The three fundamental truths.

The four sources of certainty; experience, internal (consciousness) and external (outer senses); ideas compared; historical testimony.

Refutation of Acosmic Idealism. Nature and value of universal ideas. Reasoning as a means of knowledge. Induction and its basis.

Objective evidence, the universal criterion of truth. False criteria. Necessity and freedom of assent. (Frick's *Logica*).

Ontology: (Five hours a week for one term).

The concept of being. Analogy of being. Negation of being. The first principles derived from being.

Essence and existence. Knowledge of essence possible. Possibility, intrinsic and extrinsic; the ulti-

mate source of each.
Attributes of being: Unity, truth, goodness.
The concepts of substance and accident; their division. Hypostasis and person. Quantity, quality, relation.
Principle and cause; divisions of cause; the principle of causality.
Perfection of being. The finite and the infinite; the necessary and contingent. Order and beauty. (Frick's *Ontologia*).

Cosmology: (Five hours a week for one term).
Space and time; their nature and relation to bodies.
Origin of the world by creation; temporal creation of the world.
The laws of nature. Miracles possible and knowable.
Constitution of bodies: The dynamic, atomic and hylomorphic theories compared. (Haan's *Philosophia Naturalis*).

Philosophical Disputation: (One hour a week for both terms).

III. Physics: (Five hours a week, besides a sufficient number of hours in the laboratory to complete the work prescribed).
Acoustics: Theory of vibration. Laws of propagation, refraction, resonance and interference of sound waves. Musical sounds, harmony, musical instruments.
Heat: Thermometry, calorimetry. Change of State. Solutions. Thermodynamics. Kinetic theory of gases.
Optics: Light waves; their reflection, refraction, interference, dispersion, radiation, absorption, polarization. Colors. Optical instruments.
Electricity: The electrostatic field. The electric current. Current induction. Electric measurements. Dynamos and motors. Telegraph. Telephone. Electric lighting. Transmission of power. Electric waves. (College Physics, Carhart).

IV. Chemistry, Qualitative Analysis: (Four hours a week, lectures and laboratory practice).
Analysis of inorganic substances, including acid and basic analysis of known and unknown solutions.

V. History: (Two hours a week).
Causes of the Social Revolution: The Hanoverian

Succession, Making of Russia, Wars of the Austrian Succession, The American Colonies, Seven Years' War, Division of Poland, American War of Independence. The French Revolution. Era of Napoleon I. Catholic Emancipation. European Revolution. (Guggenberger, Vol. III).

VI. ELOCUTION: (One hour each alternate week).

SENIOR CLASS

I. EVIDENCES OF RELIGION: (Two hours a week).
(Wilmers' Handbook of the Christian Religion).
Review of the more important dogmas bearing upon religious questions of the day.

II. PHILOSOPHY:

PSYCHOLOGY: (Five hours a week for one term).
Life in general. Three degrees of life: vegetative, sensitive, intellectual.
Sensitive life; outer and inner senses; sensuous appetite and locomotion.
The human intellect; its spiritual nature; its object; process of its operation; its freedom.
Child psychology; development of sensuous and intellectual perception in the child; its feelings, emotions and motor activities.
Nature of the human soul, its simplicity and spirituality. Unity of the soul; its relation to the body.
Origin of the human soul by creation; its immortality. Various systems of evolution examined.
(For reference, Boedder's *Psychologia Rationalis*).

THEODICY: (Five hours a week for one term).
The existence of God demonstrated. Atheism.
The essence of God. His infinite perfection, simplicity, unity. Pantheism refuted. God's immutability, immensity, eternity.
The divine intellect and the divine will. The moral attributes of God. The power and providence of God. (For reference, Boedder's *Theologia Naturalis*).

ETHICS: (Five hours a week, both terms).
GENERAL ETHICS:
The moral agent and the moral act.
The ultimate end of man. Refutation of Hedonism and Utilitarianism. The end of the present life.
Difference between moral good and evil. The true

norm of morality; false theories. Virtue and vice; merit and demerit.

The natural law; its existence, its properties, its sanction. Refutation of Kant's categorical imperative. Positive law based on the natural law. Properties of positive law.

Conscience; its binding force; rules governing it. Rights; nature and division of rights; subject of rights.

SPECIAL ETHICS:

Individual rights and duties; to God, necessity of religion; to self, immorality of suicide; to others, charity and justice.

The right of freedom of conscience; of free self-culture; of self-defense.

Ownership; Socialism.

Society in general; nature and constituent elements of society; social activity.

The Family: divine institution, unity and indissolubility of marriage. Necessity of marriage—celibacy. Rights and duties of husband and wife. Emancipation of woman. The marriage contract; to what authority it is subject. Nature of parental society. The right and duty of parents to educate their children.

Relation between master and servant. Slavery.

The State: Origin of the State. False theories of Hobbes and Rousseau. The State, an institution of nature. Civil authority, not from the consent of men or a civil contract, but from God, the author of nature. The juridical relations which constitute the State established by the law of nature. The triple contract of Puffendorf.

The object of the State, not merely protection of rights, but the provision of all the means and conditions necessary for the perfect temporal well-being of all its citizens as far as they are not obtainable by private activity. State absolutism, absurd and immoral.

Families, the units of the State. Political equality of woman.

Municipalities. Classes. Estates.

The territory. Eminent domain.

Nature and essential properties of civil authority. The

original subject in which it is vested. The different forms of government; their respective advantages and disadvantages. Constitutional and representative polity.

The limits of civil power. Duties and rights of the State with regard to moral and intellectual well-being. Public morality and religion. Relation between Church and State. Religious liberty. Rights of the State to educate, indirect and subsidiary only. The school question. Compulsory attendance at school.

Liberty of the press. Liberalism.

Duties and rights of the State with regard to material prosperity. The social problem.

Legislative powers—duties of legislators; qualities of law. Administrative power—duties of civil officers. Judicial power—object of punishment; capital punishment.

Acquisition of civil power, legitimate and illegitimate. Usurpation—prescription of usurped power. Despotism of rulers and changes of governments. Resistance to civil authority.

International Law: Existence of a natural international law; private and public. Particular rights and duties contained in it. Intervention. International treaties. Concordats.

War—Defensive and aggressive; conditions of its lawfulness.

Nationalities—the family of nations.

(Cathrein's *Philosophia Moralis*).

PHILOSOPHICAL DISPUTATION: (One hour a week, both terms).

IV. BIOLOGY: (Three hours a week).

PSYCHOLOGICAL PHYSIOLOGY:

Fundamentals of physiologic processes. Correlation and interdependence of structure and function. A study of the functions of various tissues, accompanied by microscopic examination. Properties of skeleton, cardiac and visceral muscles. Features of nervous system of digestive tract; control of respiration and circulation by nervous system. Sensory nerves. The brain and spinal cord. Cerebro-spinal and sympathetic nervous systems.

Chemical Physiology. Development of cell. Evolution of organism from hypo-, meso-, epiblast.

Bacteria, Fermentation, Putrefaction, Antiseptics, etc.

V. GEOLOGY: (Three hours a week for one term).
Physiographic: general features of the earth's surface. Structural: constitution of rocks, terranes, classification of the Animal and Vegetable Kingdoms. Dynamic: The formative, protective and destructive effects of life, chemical action of air and water, mechanical effects of air and water, sources and effects of heat, crustal movements. Historic: Archæan, Paleozoic, Mesozoic, Cenozoic.

VI. ASTRONOMY: (Three hours a week for one term).
Celestial Mechanics, Descriptive Astronomy, Application of general principles of Trigonometry, Astronomical instruments, Observation.

VII. ELECTIVES: (Three hours a week. See course on page 45).

VIII. ELOCUTION: (One hour each alternate week, to be deducted from one of the Science branches mentioned above, or from the Electives).

WEEKLY SUMMARY—ARTS COURSE.

FRESHMAN	Hours	SOPHOMORE	Hours
Latin	7	Latin	8
Greek	5	Greek	5
English (with Elocution)	3	English (with Elocution)	3
Mathematics (Trigon., An. Geom.)	4	Mechanics	2
Evidences of Religion	2	Evidences of Religion	2
History	2	History	2
German or French	2	Chemistry	3
	25		25

JUNIOR	Hours	SENIOR	Hours
Philosophy	11	Philosophy	11
Evidences of Religion	2	Evidences of Religion	2
Physics	5	Geology (I Term), Astronomy (II Term)	3
Chem. Qual. Analysis	4	Biology	3
History	2	Electives	3
	24*		22*

*Every alternate Monday one afternoon period is devoted to Elocution.

SCHEDULE OF LECTURES AND RECITATIONS, 1915-1916, ARTS COURSE

PERIODS	SENIOR	JUNIOR	SOPHOMORE	FRESHMAN A	FRESHMAN B
A. M. 9:00 to 9:55	Philosophy	Philosophy	Latin	Latin	Latin
9:55 to 10:50	Philosophy	Philosophy	Mon. Thur. } Gen. Chem. Tues. Fri. } Mechanic Sat. History	Greek	Greek
11:00 to 11:55	Mon. Phil. Circle Tues. Thurs. Fri. } Electives Sat. Law	Mon. Phil. Circle Tues. Thurs. Fri. Sat. } Phys. Lect.	Greek	Mon Latin Tues. Thur. Fri. Sat. } Math.	Mon. Latin Tues. Thur. Fri. Sat. } Math.
P. M. 1:00 to 1:55	Mon. Thurs. } Biology Tues Fri. } Geol. or Astron. Sat. _____	Mon. Thurs. } Qual. Anal. Tues. Fri. } History Sat. Phys. Lect.	Mon Thur. } Latin Tues. Fri. } Evidences Sat. English	Mon. Tues. Thur. Fri. } History Sat. English	Mon. Thur. Fri. } English Tues. Sat. } Evidences
1:55 to 2:50	Mon. Geol. or Astron. Tues. Fri. } Evidences Thur. Biology Sat. _____	Mon. Thur. } Qual. Anal. Tues. Fri. } Evidences Sat. _____	Mon. Thur. } English Tues. History Fri. Evidences Sat. Gen. Chem.	Mon. Thur. } English Tues. Fri. } Evidences Sat. Latin	Mon. Thur. } History Tues. Fri. } Evidences Sat. Latin

The Course in General Science

Scope of Course

This course in General Science is intended for those students who have not had the previous training in the classical languages necessary for admission to the Arts Course, or for such as wish to obtain a more specific training for later work in technological, medical or industrial science than the Arts Course affords. While it is not strictly a technical course, the subjects included represent more than half of those required in engineering courses in our leading technical schools. A student may thus make the first two years of an engineering course in connection with liberal studies. The faculty hope soon to be in a position to announce courses in civil, mechanical, electrical and chemical engineering.

At the same time, the demands of general culture will be fulfilled more completely than is usual in strictly scientific or technical education.

The Scientific Course differs from the Arts Course in this, that it substitutes for the requirements in Latin and Greek of the Arts Course, subjects in the Natural Sciences. Other subjects, viz.: English, History, Modern Languages, Evidences of Religion, Elocution, Philosophy and Electives of a non-scientific character, are common to both courses. Philosophy, however, is reduced to a smaller compass and English is extended. The electives in Science in the Junior and Senior years will naturally be of a more advanced character in the Scientific Course than the similar electives in Science offered in the Arts Course.

Requirements of Admission to the Science Course

In general, the requirements for admission to the Course in General Science are the same as those for the Arts Course, except that Latin and Greek are not required. The course is so arranged that students offering the classical languages for admission may begin the course unhandicapped. Otherwise, in place of these languages an equivalent must be offered, as described below. The requirements are in substantial agreement with the entrance requirements of all the colleges in the State of New York which provide courses of General Science, and fully comply with the Regents' requirements for a College Entrance Diploma.

As in the Arts Course, admission may be by Examination, Regents' Diploma, or Certificate from an accredited academy, high school or normal school.

(A) Admission by Examination.

Students choosing this method of admission may take the examinations of the College Entrance Examination Board, whose certificate will be accepted as far as it is equivalent. Information regarding the places, fees, dates and conditions of such examinations may be obtained from the Secretary of the College Entrance Examination Board, Post Office Sub-station 84, New York, N. Y. Students, however, wishing to take the examination at Canisius will apply to the Dean for a list of subjects of examinations and the dates on which they will be held.

(B) Admission by Diploma.

The College Entrance Diploma of the Regents of the University of the State of New York will be accepted in place of the examinations.

(C) Admission by Certificate.

The certificate will be accepted provided the subjects are equivalent to, or cover, the entrance requirements. In all other subjects an examination will have to be passed.

In particular, the requirements in English, History, Mathematics, and Modern Languages, are the same as in the Arts Course. In place of Latin and Greek, the applicant may offer three of the following subjects, two of which *must* be either Physics or Chemistry, and an additional Modern Language, or its equivalent:

1. *High School Physics.* To satisfy this requirement, the student must have done work in Physics equivalent to four or five periods a week for one year. Part of this work shall have consisted of laboratory practice, during which at least twenty-five well selected experiments shall have been performed. Certified laboratory note-books must be submitted.
2. *High School Chemistry.* This requirement is similar in scope and extent of time required to High School Physics. Laboratory note-books must be submitted.
3. *Additional Modern Language.*
   1. Grammar. 2. Translation. 3. Grammatical Analysis.
4. *Elementary Biology.*
   (a) Courses of four or five periods a week in Botany, Zoology or Physiology; or
   (b) Courses of two or three hours a week in any two of these.

5. *Other Elementary Sciences.*
   Astronomy.
   Physical Geography.
   Geology.
   Extent of requirements as in Biology.

Equivalents will be accepted. Prospective applicants are requested to submit to the Dean of the College a list of the subjects they can offer for entrance.

Outline of Course

Freshman Class

1. Mathematics: (Four hours a week).
   I Term: Plane Trigonometry; Surveying; theoretical and practical.
   II Term: Spherical Trigonometry, with applications to Navigation, etc.
2. Chemistry: General Chemistry (Eight hours a week; three lectures, and five periods laboratory practice).
3. Physics: Mechanics—(Four hours a week; two lecture and two laboratory periods).
4. English: (Three hours a week).
5. History: (Two hours a week).
6. Modern Languages: (Two hours a week).
7. *Evidences of Religion: (Two hours a week).
   * Not of obligation for non-Catholic students.
8. Elocution (included in English): (One-half hour a week).

Special students may substitute Biology or other electives from the Junior and Senior Years for equivalent obligatory studies mentioned here. Mechanical Drawing and Descriptive Geometry may be taken by engineering students as additional studies.

Sophomore.

1. Physics: (Nine hours a week; five lectures and four laboratory periods).
2. Chemistry—Qualitative Analysis: (Five hours a week; one lecture and four laboratory periods).
3. Mathematics: (Four hours a week).
   I Term: Analytical Geometry.
   II Term: Elementary Calculus.
4. English: (Three hours a week).
5. History: (Two hours a week).
6. Evidences of Religion: (Two hours a week).
7. Elocution (included in English): (One-half hour a week).

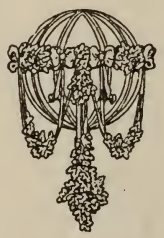
JUNIOR.

1. Philosophy: (Eight hours a week).
2. English: (Three hours a week).
3. History: (Two hours a week).
4. Evidences of Religion: (Two hours a week).
5. Elocution: (One-half hour a week).
6. Electives: (Nine hours a week). To be chosen from the following subjects: Quantitative Analytical Chemistry, Organic Chemistry, Physical Chemistry, Biology, Advanced Physics, Advanced Calculus, Descriptive Geometry, Mechanical Drawing.

SENIOR.

1. Philosophy: (Eight hours a week).
2. Evidences of Religion: (Two hours a week).
3. Geology.
   I Term: (Three hours a week).
4. Astronomy.
   II Term: (Three hours a week).
5. Elocution: (One-half hour a week).
6. Electives: (Eight hours a week). Continuation of the electives begun in Junior Year, or assumption of other subjects from same list. A selection may be made also from these additional subjects: Pedagogy, Economics, Elementary Law, Constitutional History, Organic Analysis, Technical Analysis.

In all cases the number of laboratory hours given is a minimum. By suitable choice of electives in Junior and Senior years a student may specialize in Physics, Chemistry, or Biology, thereby gaining his degree of B. S., with Physics, Chemistry or Biology as his major study. Ample facilities are afforded those who wish to qualify themselves for the profession of Analytical Chemist, in either general or industrial fields.



WEEKLY SUMMARY—SCIENCE COURSE

Freshman	Hours	Sophomore	Hours
Mathematics (Trigonometry, Plane and Spherical Surveying and Navigation	4	Mathematics (Anal. Geometry and Calculus)	4
Chemistry	8	Physics	9
Physics	4	Chemistry	5
English (incl. Elocution)	3	English (incl. Elocution)	3
History	2	History	2
Modern Languages	2	Evidences	2
Evidences	2		
	25		25

Junior	Hours	Senior	Hours
Philosophy	8	Philosophy	8
English	3	Evidences	2
History	2	Geology or Astronomy	3
Evidences	2	Electives	8
Electives	9		
	24*		21*

*Every alternate Monday one afternoon period is devoted to Elocution.

Pre-Medical Course

Outline of the Course

FRESHMAN YEAR.

1. Chemistry: (Five hours a week).
2. Physics: (Six hours a week).
3. Biology: (Five hours a week).
4. English: (Three hours a week).
5. History: (Two hours a week).
7. Evidences of Religion: (Two hours a week).
8. Elocution (included in English): (One-half hour a week).

SOPHOMORE YEAR.

1. Chemistry: (Five hours a week).
   I Term: Organic Chemistry.
   II Term: Quantitative Analysis.
2. Advanced Physics with precision of measurements: (Five hours a week).
3. Biology, Advanced: (Six hours a week).
4. English: (Three hours a week).
5. History: (Two hours a week).
6. Modern Languages: (Two hours a week).
7. Evidences of Religion: (Two hours a week).
8. Elocution (included in English): (One-half hour a week).

The outline for the Sophomore year in this course is only suggestive. A considerable latitude in choice of subjects will be allowed the student, depending on the medical school he purposes to enter.

Weekly Summary

PRE-MEDICAL COURSE.

FRESHMAN	Hours	SOPHOMORE	Hours
Chemistry	5	Advanced Chemistry	5
Physics	6	Advanced Physics	5
Biology	5	Advanced Biology	6
English, with half hour Elocution	3	English, with half hour Elocution	3
History	2	History	2
Modern Language	2	Modern Language	2
Evidences	2	Evidences	2
	25		25

Elective Courses

I. CHEMISTRY:

1. Organic Chemistry—This course is arranged chiefly for those who intend to take up the study of medicine after they have finished their College course. In it the student is given an opportunity of acquiring such a knowledge of elementary organic chemistry as is now required for admission by several medical schools.
2. Quantitative Chemical Analysis—Text-book, Talbot, Quantitative Chemical Analysis.
3. Physical Chemistry—Experimental determination of chemical equivalents, employing both the volumetric and gravimetric methods. Determination of vapor densities according to the methods of Dumas and Victor Meyer. Determination of formulas of simple salts.
4. Organic Analysis—Text-book: Sherman, Organic Analysis.
5. Technical Analysis—A short course in industrial methods of Analysis, both organic and inorganic.

II. PHYSICS:

Precision of measurements; Advanced physics. This course in experimental physics is intended for those who wish to extend their knowledge of physics, and especially of experimental methods, and is arranged with a view to meeting the requirements of technical schools. The course is based mainly on Miller's Laboratory Physics and comprises work in mechanics, heat, sound, light and electricity. Special stress is laid on accuracy of observation and on the proper reduction of experimental data.

III. ADVANCED BIOLOGY:

A study of Karyokinesis of the plant and animal cell. Cell-division of unicellular organisms. Growth and development of Protococcus, Sacharomyces. Detection and destruction of pathogenic schizomycetes in food, milk, water, etc.

Comparative structure of skeletons of different classes of vertebrates and dissection of the mammals—cat, guinea-pig, etc. A comparative study of the de-

velopment of vertebrates, including embryology of the chick.

Histology of protoplasm, tissue and muscle. Physiology of muscle and nerve-tissue. A study of the alimentary tract and the fluids employed in digestion.

A study of the circulation of the blood and analysis of its constituents.

IV. MATHEMATICS:

Advanced Calculus.

V. MECHANICAL DRAWING; DESCRIPTIVE GEOMETRY:

The following course is a most desirable one for B. S. students and those preparing for Technical Institutes. It embraces a knowledge of the elements of mechanical drawing and descriptive geometry and their application. The course requires three years for its completion. The subjects treated are:

I Year: Use and Care of Instruments, Applied Geometry, Lettering, Orthographical Projection, Developed Surfaces and Intersections, Pictorial Representation, Working Drawings.

II Year: Descriptive Geometry, Technical Sketching, Map and Topographical Drawing, Duplication and Drawing for Reproduction, Notes on Commercial Practice, Elements of Machine Design.

III Year: Principles of Applied Mechanics, Structural Drawing, Drafting-room Practice in Plane and Topographical Surveying.

Text and Reference Books: Engineering Drawing, French; Descriptive Geometry, Blessing and Darling; Plane Surveying, Phillips; Mechanism, Dunkerley.

VI. HISTORY OF PHILOSOPHY:

1. Ancient Philosophy:
   (a) Oriental Philosophy.
   (b) Græco-Roman Philosophy: Socrates, Plato, Aristotle, Cicero.
   (c) Græco-Oriental Philosophy.
2. Philosophy of the Christian Era:
   (a) Patristic Philosophy: Its rise, culmination and decline; St. Athanasius, Basil the Great, Gregory of Nazianzen, Gregory of Nyssa. St. Ambrose, St. Jerome, St. Augustine.
   (b) Philosophy of the Middle Ages: Rise, culmination

and decline of Scholastic Philosophy. Albert the Great, Thomas Aquinas, Duns Scotus, Nominalists, Realists.

(c) Modern Philosophy: Regeneration of the Scholastic Philosophy. Suarez. Rise and evolution of modern systems. Descartes, Hobbes. The Philosophy of England: Empiricism, Naturalism, Scepticism, Positivism, Utilitarianism, Evolution. France: Occasionalism, Ontologism, Pantheism, Sensualism, Materialism, Sociologists, Positivists, Traditionalism. Germany: Leibnitz, Von Wolff, Kant, the Idealists: Fichte, Schelling, Hegel; Realism, Modern Materialism. The Scottish Schools. Philosophy of Spain, Italy.

(d) Contemporary Philosophy: Germany, France, England, Italy, America; Neo-Scholasticism; Pragmatism; Philosophical errors of Modernism, etc.

VII. Social Science:

Social ideals, past and present. Social failures. Pauperism. Criminology. Charitable organizations. Labor insurance. Charitable institutions under guidance of the Church. Church and labor. Catholic benevolent associations.

VIII. Economics:

Principles of Political Economy. (Cathrein's *Philosophia Moralis,* and Burke's *Political Economy*). Labor organizations. Capitalists. Tariff, wages, free trade. The social question, the labor problem, trade-unionism and single tax are treated in full.

IX. Elementary Law:

Law in general, its nature and origin. The moral obligation of law, its source and limitations. The legislative power, its subject and exercise.

The Civil Law of Rome. Common Law and Equity in England. Methods and procedure. Their modifications in the United States. The code. Civil and criminal law.

The right of private property. Estates in real property. Real Estates in real property and personal estates in real property. Title to estates in real property. Estates in personal property. Title by gift and by contract. Agency. Partnership.

Private Wrongs—Proceedings in an action at law. Evidence. Equitable remedies. Crimes. Degrees

of Crime. Relation of criminal actor to criminal act. Criminal procedure. Nature and function of a State. Subjects and their relations to the State. Text-book: Robinson, *Elementary Law.*

X. Constitutional History:

Greek and Roman Constitutions. Development of the English Constitution. Origin and development of various European constitutions; comparison with the Constitution of the United States.

XI. Pedagogy:

This elective, offered primarily but not exclusively, to students who wish to qualify themselves for the New York State Regents' College Graduate Certificate, is so arranged that the students electing Pedagogy during their Senior and Junior years may take those subjects in education not already included in the prescribed courses of philosophy, so as to fulfill the Regents' requirements for the above mentioned certificate. The minimum course of study approved by the Regents for the fulfillment of said requirements is: Psychology—general and educational, 90 hours; History of education and principles of education, 90 hours; Methods of teaching, 60 hours; Observation, 20 hours. As a thorough course in general psychology is required for all Baccalaureate degrees given in this college, the elective course in pedagogy is arranged to provide the additional subjects of the Regents' requirements. In accord with the educational traditions of the Society of Jesus, in the course of Pedagogy at Canisius, especial emphasis will be placed upon the following psychological aspects of education: Training of the imagination; Formation of judgment and of character; Moral training. The course is distributed through the Junior and Senior years. Opportunities for observation will be provided in Canisius High School and in any of the parochial and public schools of the city that the students may choose. Further inquiries regarding this course should be made of the Dean. The course is registered by the Regents as fulfilling the conditions for an approved department of education.

XII. English:

A comparative study of Greek, Latin and English

poetry. The influence of the Greek and Latin classics on English Literature.

Italian influence on the age of Chaucer; French influence on the age of Queen Anne.

Development of the English language and literature. A comparative study of modern literature. American literature.

XIII. CHURCH HISTORY:

Important questions bearing upon dogma: Pope Liberius. Pope Honorius. Pseudo-popes and Anti-popes. Inquisition. Savonarola. St. Bartholomew's Day. Galileo Galile. The Reformers. Translations of the Bible. Concordats. The Temporal Power of the Pope. The State and the Church. The Church and civil liberty. The Church and the slave trade. Missionary work, Catholic and Protestant Missions.

DEGREES AND POSTGRADUATE COURSES

The degree of Bachelor of Arts is conferred at the completion of the four years of College on those who pass satisfactory examinations in all the obligatory branches of the Arts Course and the degree of Bachelor of Science on successful students of the Science Course.

Both these degrees are registered by the Regents of the University of New York.

Students holding the degree of A. B. or B. S. from this College or other institutions of satisfactory standing may undertake postgraduate studies under the direction of the Dean and the heads of the various departments.

Elective studies which have not been taken in the undergraduate years may be chosen for postgraduate work; but in this case candidates will be obliged to pursue them in a more extended form. Other courses will be assigned as circumstances may require or permit.

In the Department of Arts, some branch of Philosophy must be taken by every candidate for a higher degree.

For the Master's degree in Arts or Science, at least one year of graduate work is required. It must be understood that only students of exceptional ability and previous training will be able to finish the work in one year.

For the degree of Ph.D. at least two years are required.

Examinations must be passed in every branch counted for a degree, and a thesis must be submitted showing original work. The examinations in all branches will be written and in certain branches oral examination will also be required, as determined by the Professors and the Dean.

Work of satisfactory amount and quality performed in other institutions may be counted for the degree. But the last year of study must in every case be passed in regular attendance upon the courses in this department.

NEEDS OF THE COLLEGE

The endowment of the College in buildings, educational apparatus and general equipment is of great value. A small productive fund also exists consisting of foundations made from time to time for scholarships. This, however, is as yet comparatively trifling in amount. The ordinary source of income is the fees of the students. A debt of very considerable proportions has been incurred by the erection of the new and splendid College building. The existence and work of the institution would be precarious or impossible were it not for the fact that the President and the other priests, scholastics, and coadjutor brothers of the Society of Jesus give their services without compensation.

It is of the utmost importance that the debt should be rapidly diminished and that the College should be placed in a position to erect the wings originally planned for the structure and to undertake other greatly needed improvements.

For these purposes and for the general development of the College, the President appeals to all graduates, former students, and friends of Catholic education for donations and legacies. The names of donors will be attached to buildings erected or funds established by them.

The most pressing present needs are as follows:

1. The liquidation of the debt on the new College building.

2. The erection of the two wings. Estimated cost about $100,000 each.

3. A central extension to the College building to comprise Chapel, Theatre and Library—$150,000.

4. A Gymnasium building—$100,000.

5. A fund for the purchase of books for the Faculty and Students' Libraries—$50,000, or any lesser amount as contribution toward the whole. Gifts of books will also be greatly appreciated.

6. A grand-stand, bleachers, and other equipment for the Athletic Field, $8,000.

7. A fund for general expenses. This may be created by the foundation of chairs and scholarships, either perpetual or annual. A perpetual scholarship requires $1,500; an annual scholarship $60.

The legal title of the College, which should be accurately expressed in all legacies and deeds of donation, is "The Canisius College, Buffalo, New York."

ACKNOWLEDGEMENTS

The President and Faculty wish to express their grateful acknowledgments to the following benefactors for their kind donations:

All the Patrons of the College Play.

All the Donors of Medals, as specified in the Commencement Exercises.

The Canisius Sodality, one Annual Scholarship.

The Buffalo Volksfreund Printing Co., one Annual Scholarship.

TO THE LIBRARY.

A Friend of Education	$100.00
Mr. F. X. Wanenmacher	5.00
Mr. Alfred J. Amend	5.00
Mr. Harry L. Stokes	5.00

Mr. George W. Wanamaker, '15, 2 volumes.
Mr. Andrew Holz, 10 volumes.
Mr. A. G. Hoerstman, 3 volumes.
Mr. Joseph J. Daly, 10 volumes.
The American Press, 10 volumes.
Very Rev. A. Adolph, Christ, the Church and Man.
Judge George A. Lewis, 2 volumes.
Mr. Lawrence Vincent, 2 volumes.
Mr. F. J. Green, 5 volumes.
Mr. Theophilus J. Bynes, "Directory of the Village of Buffalo, 1801-1828."

The Smithsonian Institution, the U. S. Bureau of Education, the U. S. Geological Survey, the U. S. State Educational Department, the Carnegie Foundation for Universal Peace, and other government departments and educational institutions, reports, monographs, bulletins, catalogues, etc., etc.

CATALOGUE OF STUDENTS ARRANGED BY CLASSES

POSTGRADUATE

Candidate for Degree of Doctor of Philosophy.

Curtin, John Aloysius, A. B., 1900; A. M., 1909.

Courses: Seismology; special investigations in earth tides, terrestrial magnetism and atmospheric electricity and their dependence upon solar and lunar conditions.

Candidates for Degree of Master of Arts.

Barth, Charles George, A. B., Canisius College, 1915.
Dee, Raiemond Edmund, A. B., Canisius College, 1915.
Harrington, Denis Cyril, A. B., Canisius College, 1915.
Huebschwerlen, Arthur Stuart, A. B., Canisius College, 1915.
Martina, Ignatius Charles, A. B., Canisius College, 1915.
Sullivan, Michael Thomas, A. B., Canisius College, 1915.
Vogt, Theodore John, A. B., Campion College, 1915.
Wanamaker, George William, A. B., Canisius College, 1915.

Courses: Sociology; Pedagogy; English Literature of the Nineteenth Century; Advanced Chemistry.

SENIOR—Arts.

Biesinger, Charles Joseph.....	470	Elm St.....	City
Canavan, Edward Vincent.....	1306	Niagara St..	Niagara Falls
Christman, John Henry.....	723	Washington St.....	City
Janik, Francis Joseph.....	506	Peckham St.....	City
Lutz, William Joseph.....		Andover	N. Y.
Lynch, John Laurence.....		Forks	N. Y.
Miller, Herbert Peter.....	310	Ideal St.....	City
Testa, Angelo Fiorello.....	474	2d St., Niagara Falls,	N.Y.
Wozniak, Thaddeus R.....	170	Clark St.....	City

SENIOR—Science.

Conlin, Henry Eugene.....		South Byron.....	N. Y.
Schwing, Harold Emanuel.....	22	Holland Pl.....	City

JUNIOR—Arts.

Biniszkiewicz, Michael Francis.	177	Lovejoy St.....	City
Brown, Harold Francis.....	620	Walden Ave.....	City
Cogan, Victor William.....	327	Red Jacket Pkwy....	City
Desmond, Charles Stewart.....	103	Plymouth Ave.....	City
Jankowski, Alexander.....	62	Germain St.....	City
Kuch, Raymond George.....	27	Oneida St.....	City
McDonough, Leo Martin.....	17	E. Oakwood Pl.....	City
Manning, John Francis.....	363	West Ave.....	City
Manzella, Louis Girard.....	324	Swan St.....	City
Morgana, Dante James.....	854	Seventh St.....	City
Mullen, John Columba.....	111	Miller St., N. Tonawanda	
Ring, Timothy Joseph.....	214	Maurice St.....	City
Rutecki, Paul John.....	208	Townsend St.....	City
Schaefer, Norbert Bernard....	230	Emslie St.....	City
Sciarrino, Stanley Vincent.....	127	Front Ave.....	City
Speidel, Linus C.....1098		Sycamore St.....	City
Tronolone, Pascal John.....	23	State St.....	City

JUNIOR—Science.

Beaser, Clarence Eugene.....	16	Erie St., Lancaster,	N. Y.
Carroll, Robert Emmett.....	54	Scott St., Hornell,	N. Y.
Cavagnaro, Richard Victor.....	205	Winslow Ave.....	City
Nash, Francis O'Donnell.....	93	Ryan St.....	City
Nugent, John Edward.....	190	E. Utica St.....	City

SOPHOMORE—Arts.

Bach, Joseph Anthony.....	76	Livingston St...	Lancaster
Bifarella, Anthony Peter.....	252	Front Ave.....	City
Cantlin, Eugene Joseph.....	227	Gold St.....	City
Carr, Virgil Paul.....	152	Oxford Ave.....	City
Cotter, John Joseph.....	151	Alabama St.....	City
Cullen, Matthew Arthur.....	119	Spaulding St.....	City
Czwojdak, Anthony Aloysius...	66	Barnard St.....	City
Donnelly, Harold Joseph.....	442	S. Park Ave.....	City
Ebner, Martin Henry.....	92	Laurel Ave.....	City
Fronczak, Joseph Eustace.....1390		Broadway	City

Growney, Francis Aloysius....	123	Summit St., Batavia, N. Y.
Kasprzyk, Joseph Albert.....	14	Loepere St.....City
Keller, Charles John.....	288	Dearborn St.....City
Killeen, Kevin	334	W. Delavan Ave.....City
Kirchmyer, Willilam George....	283	Stanton St.....City
Kreciszewski, Ladislaus Joseph.	115	Kociuszko St.....City
Lutz, Michael Peter.....		Forks .....N. Y.
McDonald, Joseph Patrick.....	487	Victory Ave., Lackawanna
Miller, Michael Joseph.....	655	Broadway .....City
Murphy, Robert Cletus.....	22	Petrie St.....Little Falls
O'Rourke, Cornelius Edward...	554	Ellicott St.....City
Pauly, Erasmus Francis.....	561	Best St.....City
Pfalzer, Francis Anthony.....	29	Dart St.....City
Rahill, Dionysius Timothy.....	139	Seventh St.....City
Schifferli, Paul Philip.....	56	Walden Ave.....City
Seitz, Joseph Francis.....	926	E. Delavan Ave.....City
Sheehan, William Francis.....	27	Como Ave.....City
Smith, John Patrick.....	394	Seventh St.....City
Sokolowski, Vincent John.....	143	Leopore St.....City
Treble, Hector William.....	187	Hodge Ave.....City
Zielonka, Ignatius Edward.....		Darien Center.....N. Y.

SOPHOMORE—Science.

Brown, William Francis.....	138	W. Main St., Batavia, N.Y.
Henesey, John Nicholas, Jr.....	37	Dempster St.....City
Klocke, Eugene Louis.....	151	Eaton St.....City
Stamp, John Louis.....	33	Kenefick Ave.....City
Valente, Donato Gregory.....	543	Front Ave.....City
Weter, Paul Herbert.....	112	Fargo Ave.....City

FRESHMAN—Arts, Section A.

Borkowski, Anthony Bernard...	94	Woltz Ave.....City
Burke, Edwin Ulic.....	268	Hamilton St., Albany, N.Y.
Chmielewski, Edmund Benedict.	1178	Broadway .....City
Cooley, Gerald Joseph.....	62	Fillmore Ave.....City
Gehring, Joseph Vincent.....	354	College Ave., S. E., Grand Rapids, Mich.
Hetzelt, Erwin Francis.....	222	Cedar St.....City
Kenealy, Gerald Lawrence.....	126	Congress St.....City
Mackey, William Francis.....	55	Como Ave.....City
Martin, James Victor.....	190	Abbott Rd.....City
Martin, William M.....	963	Washington St.....City
Moynihan, Daniel Patrick.....	76	Hamburg St.....City

Sammon, John Joseph	348	Porter Ave	City
Smith, William Joseph	2067	Seneca St	City
Sokolowski, Florian Ladislaus	114	Sweet Ave	City
Wolf, Ralph Joseph	24	St. James Pl	City
Wozniak, Henry Richard	170	Clark St	City

FRESHMAN—Arts, Section B.

Bihler, Hugh Joseph	204	Bristol St	City
Chambers, Leo Eugene	94	York St	City
Gilligan, James Joseph	453	Medford St.,	Malden, Mass.
Kennedy, John Harold	227	Church St.,	Lowell, Mass.
Mason, Raymond Joseph	2253	Main St	City
McKeon, Richard Moore	68	Woodside Ave	City
Naples, Sebastian James	28	Broadway	City
Pingitore, William John		Farnham	N. Y.
Reese, William John	35	Niagara Sq	City
Sheehan, Edward Mortimer	105	Amherst St	City
Sierakowski, Stanislaus John	49	Lombard St	City
Trautman, Bertram Francis	443	Northland Ave	City
Walsh, Glen Edward	444	Porter Ave	City
Wischerath, William D	1215	Main St	City
Zimpfer, George Conrad	1202	Michigan Ave	City

FRESHMAN—Science.

Butler, Bernard Aloysius	107	Grand St.	Lockport, N. Y.
Cavagnaro, Ernest Emil	205	Winslow Ave	City
Creahan, James Stephen	10	Seneca Parkside	City
Deck, Norbert H	239	West Ave	City
Erhardt, Norman Andrew	115	School St	City
Heinis, Alfred Albert	636	E. Utica St	City
Hirzel, Harry William	9	Maywood Pl	City
McLean, Louis F	14	Bank St	Batavia, N. Y.
Miller, Herbert Joseph	802	Ellicott St	City
Ryan, Vincent Thomas	214	Purdy St	City
Schrankel, Rupert Albert	2435	Niagara St	City
Sturmer, Clarence George	954	Clifford Ave	Rochester

PRE-MEDICAL.

Callahan, William Michael	34	King St.,	Rochester, N. Y.
Koester, Carl Cornelius	1	Ellicott Ave.,	Batavia, N. Y.
Leahy, Leon Jerome	875	West Ave	City
Mackey, Edmund Anthony	55	Como Ave	City

Mogenhan, John Aloysius.....	50	Phelps St....Lyons, N. Y.
Ronan, Lerned Francis.....	432	Massachusetts Ave...City
Tomasula, Anthony Bernard....	7	S. Elmwood Ave.....City

SPECIAL STUDENTS.

Collins, Stephen Aloysius.....	144	O'Connell Ave.....City
Dowd, Francis Joseph.....	348	Porter Ave.....City
Dunnagan, Thomas Wallace....	223	Bloker St.....Lewiston
Kearney, Thomas.....	128	Leoh St.....Utica, N. Y.
Lenahan, George John.....	129	Fulton St.....City
McGuiness, John Francis.....	23	Maywood St....Roxbury, Mass.
O'Malley, William Gresham....	263	Norwood Ave.....City
Price, Aaron Ely.....	104	Pratt St.....City
St. Cyr, Wilfred Arthur.....	348	Porter Ave.....City
Tremblay, Joseph Pierre.....		East Chelmsford....Mass.
Vacanti, Joseph Charles.....		

ALPHABETICAL LIST OF STUDENTS

Bach, Joseph Anthony.....Sophomore
Barth, Charles George, A. B.....Postgraduate
Beaser, Clarence Eugene.....Junior, Sc.
Biesinger, Charles Joseph.....Senior
Bifarella, Anthony Peter.....Sophomore
Bihler, Hugh Joseph.....Freshman B
Biniszkiewicz, Michael Francis.....Junior
Borkowski, Anthony Berbard.....Freshman A
Brown, Harold Francis.....Junior
Brown, William Francis.....Sophomore, Sc.
Brunner, Roy John.....Sophomore, Sc.
Burke, Edwin Ulic.....Freshman A
Butler, Bernard Aloysius.....Freshman, Sc.

Callahan, William Michael.....Pre-Medical
Canavan, Edward Vincent.....Senior
Cantlin, Eugene Joseph.....Sophomore
Carr, Virgil Paul.....Sophomore
Carroll, Robert Emmett.....Junior, Sc.
Cavagnaro, Ernest Emil.....Freshman, Sc.
Cavagnaro, Richard Victor.....Junior, Sc.
Chambers, Leo Eugene.....Freshman B
Chmielewski, Edmund Benedict.....Freshman A
Christman, John Henry.....Senior
Cogan, Victor William.....Junior
Collins, Stephen Aloysius.....Special Stud.
Conlin, Henry Eugene.....Senior, Sc.
Cooley, Gerald Joseph.....Freshman A
Cotter, John Joseph.....Sophomore
Creahan, James Stephen.....Freshman, Sc.
Cullen, Matthew Arthur.....Sophomore
Curtin, John Aloysius, A. M.....Postgraduate
Czwojdak, Anthony Aloysius.....Sophomore

Dee, Raiemond Edmund, A. B.....Postgraduate
Desmond, Charles Stewart.....Junior
Donnelly, Harold Joseph.....Sophomore
Dowd, Francis Joseph.....Special Stud.
Dunnagan, Thomas Wallace.....Special Stud.
Dzimian, Walter Florian.....Sophomore
Deck, Norbert H.....Freshman, Sc.

Ebner, Martin Henry.....Sophomore
Ehrenreich, Cyril Peter.....Sophomore
Erhardt, Norman Andrew.....Freshman, Sc.

Fronczak, Joseph Eustace.....Sophomore

Gehring, Joseph Vincent.....Freshman A
Gilligan, James Joseph.....Freshman B
Growney, Francis Aloysius.....Sophomore

Harrington, Denis Cyril, A. B.....Postgraduate
Heinis, Alfred Albert.....Freshman, Sc.
Henesey, John Nicholas, Jr.....Sophomore, Sc.
Hetzelt, Erwin Francis.....Freshman A
Hirzel, Harry William.....Freshman, Sc.
Huebschwerlen, Arthur Stuart, A. B.....Postgraduate

Janik, Francis Joseph.....Senior
Jankowski, Alexander.....Junior

Kasprzyk, Joseph Albert.....Sophomore
Kearney, Thomas.....Special Stud.
Keller, Charles John.....Sophomore
Kennedy, John Harold.....Freshman B
Killeen, Kevin.....Sophomore
Kirchmyer, William George.....Sophomore
Knealy, Gerald Lawrence.....Freshman A
Koester, Carl Cornelius.....Pre-Medical
Kreciszewski, Ladislaus Joseph.....Sophomore
Kuch, Raymond George.....Junior
Klocke, Eugene Louis.....Sophomore, Sc.

Leahy, Leon Jerome.....Pre-Medical
Lenahan, George John.....Special Stud.
Lutz, William Joseph.....Senior
Lutz, Michael Peter.....Sophomore
Lynch, John Lawrence.....Senior

Mackey, Edmund Anthony.....Pre-Medical
Mackey, William Francis.....Freshman A
Manning, John Francis.....Junior
Manzella, Louis Girard.....Junior
Martin, James Victor.....Freshman A
Martin, William McKinley.....Freshman A
Martina, Ignatius Charles, A. B.....Postgraduate

Mason, Raymond Joseph.....Sophomore
McDonald, Joseph Patrick.....Junior
McDonough, Leo Martin.....Freshman B
McGuiness, John Francis.....Special Stud.
McKeon, Richard Moore.....Freshman B
McLean, Louis F.....Freshman, Sc.
Miller, Herbert Joseph.....Freshman, Sc.
Miller, Herbert Peter.....Senior
Miller, Michael Joseph.....Sophomore
Mogenhan, John Aloysius.....Pre-Medical
Morgana, Dante James.....Junior
Moynihan, Daniel Patrick.....Freshman A
Mullen, John Columba.....Junior, Sc.
Murphy, Robert Cletus.....Sophomore

Naples, Sebastian James.....Freshman B
Nash, Francis O'Donnell.....Junior, Sc.
Nugent, John Edward.....Junior, Sc.

O'Malley, William Gresham.....Special Stud.
O'Rourke, Cornelius Edward.....Sophomore

Pauly, Erasmus Francis.....Sophomore
Pfalzer, Francis Anthony.....Sophomore
Pingitore, Louis Anthony.....Freshman B
Price, Aaron Ely.....Special Stud.

Rahill, Dionysius Timothy.....Sophomore
Reese, William John.....Freshman B
Ring, Timothy Joseph.....Junior
Ronan, Lerned Francis.....Pre-Medical
Rutecki, Paul John.....Junior
Ryan, Vincent Thomas.....Freshman, Sc.

Sammon, John Joseph.....Freshman A
Schaefer, Norbert Bernard.....Junior
Schifferli, Paul Philip.....Sophomore
Schrankel, Rupert Albert.....Freshman, Sc.
Schwing, Harold Emanual.....Senior, Sc.
Seitz, Joseph Francis.....Sophomore
Sheehan, Edward Mortimer.....Freshman B
Sheehan, William Francis.....Sophomore
Sciarrino, Stanley Vincent.....Junior
Sierakowski, Stanislaus John.....Freshman B
Smith, John Patrick.....Sophomore

Smith, William Joseph.....Freshman A
Sokolowski, Vincent John.....Sophomore
Sokolowski, Florian Ladislaus.....Freshman A
Speidel, Linus Carl.....Junior
Stamp, John Louis.....Sophomore, Sc.
St. Cyr, Wilfred Arthur.....Special Stud.
Sturmer, Clarence George.....Freshman, Sc.
Sullivan, Michael Thomas, A. B.....Postgraduate

Testa, Angelo Fiorello.....Senior
Tomasula, Anthony Bernard.....Pre-Medical
Trautman, Bertram Francis.....Freshman B
Treble, Hector William.....Sophomore
Tremblay, Joseph Pierre.....Special Stud.
Tronolone, Pascal John.....Junior

Valente, Donato Gregory.....Sophomore, Sc.
Vogt, Theodore John, A. B.....Postgraduate
Vacanti, Joseph Charles.....Special Stud.

Walsh, Glen Edward.....Freshman B
Wanamaker, George William, A. B.....Postgraduate
Weter, Paul Herbert.....Sophomore, Sc.
Wischerath, William Devereaux.....Freshman B
Wolf, Ralph Joseph.....Freshman A
Wozniak, Henry Richard.....Freshman A
Wozniak, Thaddeus Ralph.....Senior

Zielonka, Ignatius Edward.....Sophomore
Zimpfer, George Conrad.....Freshman B

College Organizations

Sodality of the Blessed Virgin Mary

Under the Title of the Purification, and of St. Stanislaus
Affiliated to the Prima Primaria of the Roman College, January 1, 1896

Director: Rev. Herman I. Storck, S. J.

OFFICERS:

FIRST TERM: *Prefect,* Angelo Testa; *First Assistant Prefect,* John L. Lynch; *Second Assistant Prefect,* Richard V. Cavagnaro; *Secretary and Treasurer,* Donato G. Valente; *Consultors,* Charles J. Biesinger, John F. Manning, John C. Mullen, Paul P. Schifferli, Matthew A. Cullen, Eugene L. Klocke, Erwin F. Hetzelt, Glen E. Walsh, Rupert Schrankel, Leon J. Leahy; *Organist,* Norbert B. Schaefer; *Sacristan,* Richard M. McKeon.

SECOND TERM: *Prefect,* Angelo Testa; *First Assistant Prefect,* Richard V. Cavagnaro; *Second Assistant Prefect,* John C. Mullen; *Secretary and Treasurer,* Donato G. Valente; *Consultors,* Charles J. Biesinger, John H. Christman, John F. Manning, John E. Nugent, Matthew A. Cullen, Ladislaus J. Kresciszewski, Eugene L. Klocke, Erwin F. Hetzelt, Glen E. Walsh, Leon J. Leahy, Rupert A. Schrankel; *Organist,* Norbert B. Schaefer; *Sacristan,* Richard M. McKeon.

MEMBERS: 104.

The Canisius Alumni Sodality

Founded June 7th, 1896

Not to deprive the students who have left College of the great advantages of the Sodality, and to extend the same as far as possible, the Canisius Alumni Sodality was organized. It consists of members of the liberal professions, college graduates, business men and other who have availed themselves of the opportunities of a higher education. This Sodality, numbering at present about 700 members, has its monthly meetings and communions in the College Chapel. The annual retreat was attended during the past year by more than 1,000 men.

Spiritual Director, Rev. F. X. Sindele, S. J.; *President,* F. S. Crego, M. D.; *First Vice-President,* J. A. Kloepfer; *Second Vice-President,* F. E. Fronczak, M. D.; *Secretary,* F. C. Fornes; *Treasurer,* G. D. Fogarty; *Registrar,* A. G. Fries; *Master of Probationers,* J. J. Helbling, 270 Peckham Street; *Organist,* E. J. Hens; *Librarian,* J. N. Fornes; *Consultors,* J. A. Cavagnaro, H. H. Elbers, J. J. Glaser, F. M. Hendricks, T. L. Holling, P. J. Keeler, F. A. Kraft, P. Malone, J. C. Miller, N. Scherer.

The Apostleship of Prayer, League of the Sacred Heart

Aggregated June 8, 1890

Canisius College Centre

Director: Richard B. Schmitt, S. J.

Secretary: Angelo F. Testa, '16.

Promoters: C. F. Biesinger, '16; J. F. Manning, '17; R. V. Cavagnaro, '17; M. H. Ebner, '18; E. L. Klocke, '18; W. J. Smith, '19; R. J. Mason, '19; B. Butler, '19.

The Canisius Alumni Association

Membership in this organization is open to all graduates of Canisius College and to priests who have finished the Sophomore Class. All students of college classes at Canisius, who have afterward taken degrees at other institutions of like grade, are eligible under certain conditions.

The object of the Association is to keep up the friendship of college days, to promote higher Catholic education and to further the interests of Alma Mater and the individual members of this Association.

OFFICERS:

President, Francis M. O'Gorman, A. M., M. D.; *Vice-President,* Frank J. Boland, A. M.; *Secretary,* John A. Curtin, A. M.; *Treasurer,* Charles J. Costello, A. M.; *Executive Committee,* Rev. George J. Krim, S. J.; Andrew P. Ronan, A. M.; Lawrence J. Collins, A. M., LL. B.; Francis E. Fronczak, A. M., M. D.; Henry J. Doll, A. M., M. D.

St. Thomas Philosophical Society

It is the aim of this Society, by essays and discussions to gain a clear insight into the principles of Catholic Philosophy and to apply them to questions of the present day.

Moderator: Rev. Herman J. Maeckel, S. J.

OFFICERS:

FIRST TERM: *President,* John L. Lynch, '16; *Vice-President,* Dante J. Morgana, '19; *Secretary,* William J. Lutz, '16; *Treasurer,* Charles J. Biesinger, '16; *Exercise Committee,* Dante J. Morgana, '17; John H. Christman, '16; Herbert P. Miller, '16; Charles S. Desmond, '17; Harold F. Brown, '17.

SECOND TERM: *President,* John L. Lynch, '16; *Vice-President,* Dante J. Morgana, '17; *Secretary,* William J. Lutz, '16; *Treasurer,* Henry E. Conlin, '16; *Exercise Committee,* Dante J. Morgana, '17; Angelo F. Testa, '16; Herbert P. Miller, '16; John C. Mullen, '17; Charles S. Desmond, '17.

Essays Read During the Year

"Theories of Life," by Edw. V. Canavan; "What is Life," by Francis J. Janik; "Idealism of Kant Refuted," by A. F. Testa; "Materialistic Conception of History," by Alex Jankowski; "Darwinian Evolution," by Pascal J. Tronolone; "The Freedom of Human Will," by John F. Manning; "Immortality of the Soul," by Norbert B. Schaefer; "The Doctrine of Evolution," by John H. Christman.

Canisius College Debating Society

This Society not only affords opportunity for acquiring facility in public speaking and debate, but aims also at imparting a general knowledge of the political, economical and social questions of the day. Every speech, essay or declamation is followed by frank criticisms from the Director and the members. General discussions give ease and readiness in *extempore* speech. Meetings are held every Tuesday afternoon after class hours.

Moderator: Rev. Francis X. Sindele, S. J.

OFFICERS:

FIRST TERM: *President,* John H. Christman; *Vice-President,* Charles S. Desmond; *Secretary,* Matthew A. Cullen; *Treasurer,* Joseph A. Bach.

SECOND TERM: The same Officers were re-elected.

Woman Suffrage.
Increase of the United States Navy.
Restriction of Immigration.
National Prohibition.
Preparedness Program.
Income Tax.
Philippine Independence.
Government Ownership of Railroads.
Dissolution of Trusts.
Commission Government.
Merchant Marine.
Municipal Ownership of Lighting and Transportation.

Officers of the Dramatic Association

Honorary President: Rev. George A. Krim, S. J.
(President of Canisius College).
Director: R. B. Schmitt, S. J.

OFFICERS:

President, H. P. Miller, '16; *Vice-President,* C. S. Desmond,

'17; *Secretary,* R. V. Cavagnaro, '17; *Treasurer,* J. H. Chirstman, '16; *Librarian,* G. Walsh, '19; *Master of Properties,* W. F. Brown, '18; *Assistant,* C. E. O'Rourke, '18; *Electrician,* Prof. J. A. Curtin, M. A.; *Press Committee,* K. Killeen, '18; D. J. Morgana, '17; R. V. Cavagnaro, '17; W. Smith, '19.

Canisius College Instrumental Quintet

Director: Rev. John G. Hacker, S. J.

Violins: Corneius E. O'Rourke, Victor W. Cogan, Harold Schwing; *Flute:* Angelo Testa; *Piano:* Norbert B. Schaefer.

Canisius College Glee Club

Director: Rev. John G. Hacker, S. J.
(16 Members).

Student's Library

Librarian, William H. Graham, S. J.; *Assistant Librarians,* Chas. J. Biesinger, Timothy J. Ring, John F. Manning, Glen E. Walsh.

Athletic Association

Though the College insists above all upon thorough study as the primary object of an educational institution, yet it has always been desirous that its students should devote some time to Athletics as a necessary aid to physical development. Only one restriction is imposed, that athletics in no way interfere with the moral or intellectual well-being of the students. The encouragement of these exercises as a means of physical culture, as well as the promotion of an honorable and generous tone in their conduct, is the object of the Athletic Association.

Moderator: Rev. James T. McCormick, S. J.

OFFICERS:

President, John L. Lynch, '16; *Vice-President,* Charles S. Desmond, '17; *Secretary,* Henry E. Conlin, '16; *Treasurer,* Harold J. Donnelly, '18; *Press Representative,* Richard V. Cavagnaro, '17; *Manager of Football,* Edward V. Canavan, '16; *Basketball,* Charles S. Desmond, '17; *Baseball,* Henry E. Conlin, '16; *Tennis,* John E. Nugent, '17; *Pool,* Raymond G. Kuch, '17; *Track,* Cornelius J. O'Rourke, '18.

St. John Berchmans' Society

Moderator: Rev. James T. McCormick, S. J.
Master of Ceremonies: Charles J. Biesinger, '16.

Acolytes: Edwin Burke, '19; John N. Henesey, '18; William J. Kirchmeyer, '18; John C. Mullen, '17; Cornelius J. O'Rourke, '18; Louis Pingitore, '19; Joseph F. Seitz, '18; Linus C. Speidel, '17; D. J. Valenti, '18.

The Canisius Monthly

The Canisius Monthly was founded in September nineteen hundred and fourteen. It is the outgrowth of the College Annual that was known under the title of "Lest We Forget." It is a literary magazine published by the students of Canisius College at Main and Jefferson streets, Buffalo, New York. Its aim is to cultivate a high literary spirit among the students by exercising them in both critical and creative composition. It serves also as a bond between the Alumni and their Alma Mater, by chronicling their successes and recounting the happenings of college life. It is issued on the tenth of every month excepting July, August and September. The subscription price is one dollar and fifty cents a year in advance; single copies twenty cents. Remittances, literary contributions and business letters should be addressed to The Canisius Monthly, Main and Jefferson Streets, Buffalo, New York.

THE STAFF.

Robert Emmett Carroll, *Editor.*

Board of Editors: Thaddeus R. Wozniak, Francis J. Janik, Richard V. Cavagnaro, Joseph F. Fronczak, Michael J. Miller, Francis A. Growney, Charles S. Desmond; George Wanamaker, '15, *Alumni.*

Business Managers: Kevin Killeen, Joseph F. Seitz, Erasmus F. Pauly, Raymond G. Kuch.

Public Academic Exercises

To arouse greater interest in study among the students and to call forth greater activity, some specimens of academic work are given by the various classes from time to time during the year.

The programs of those taking place during the year 1915-1916 are appended:

Public Specimen in Physics

by Members of the Science Classes
at Canisius High School Hall, Monday Evening, December 20, 1915

PROGRAM

TOPIC: The Atmosphere as Gas and Liquid.

MARCH: "National Emblem" ..... *E. E. Bagley*
ORCHESTRA

LECTURE: Nature and History of the Atmosphere
CHARLES S. DESMOND, A. B., '17

Experiments by PASCAL J. TRONOLONE, A. B., '17
NORBERT B. SCHAEFER, A. B., '17

LECTURE: Pneumatics
DANTE J. MORGANA, A. B., '17

Experiments by LINUS C. SPEIDEL, A. B., '17
PAUL G. WETER, B. S., '18

CHORUS: (*a*) "A Health to Our Friends" ..... *C. B. Adams*
(*b*) "Good Night! Sweet Dreams!" ..... *F. Abbott*
GLEE CLUB

LECTURE: Meteorology
JOHN L. STAMP, B. S., '18

Experiments by WILLIAM CALLAHAN, Coll. Med.
JOHN A. MOGENHAN, Coll. Med.

OVERTURE: "King Rose" ..... *Geo. D. Barnard*
ORCHESTRA

LECTURE: Liquid Air
EUGENE L. KLOCKE, B. S., '18

Experiments by WILLIAM F. BROWN, B. S., '18
JOHN N. HENESEY, B. S., '18

FINALE: "Canisius College March" ..... *Carl Mischka*
ORCHESTRA

Lectures are under the direction of Professor John A. Curtin, A. M., Professor of Physics.

Thanks are extended to the Canisius College Glee Club and the Canisius High School Orchestra for services rendered.

"In the Palace of the King"

An historical play written by the Rev. Joseph Husslein, S. J., was presented by the Dramatic Association of Canisius College, under the direction of Mr. Richard B. Schmitt, S. J., at the Majestic Theatre on Tuesday and Wednesday evenings, May 9th and 10th, 1916, with a matinee performance on Wednesday.

Scenes and Music

Place—Rome in the time of the Cæsars.
Time—A. D. 150.
Entire period of action—Three days.

MARCH: "Gippsland" ..... *A. F. Lithgow*
OVERTURE: "Light Cavalry" ..... *Suppé*

ACT I.—SCENE 1. Hall in the Emperor's Palace.

CHORUS: "Hail, Great Cæsar."
SELECTIONS from "Tannhaeuser" ..... *Wagner*

ACT II.—SCENE 1. At the House of Rufus.

"Wedding of the Winds" ..... *J. T. Hall*

SCENE 2. At the House of Rufus.

Minuetto e Gavotta from "Pagliacci" ..... *Leoncavallo*

SCENE 3. Outskirts of Rome.

OVERTURE: "Golden Sceptre" ..... *R. Schleppegrell*

ACT III.—SCENE 1. At the House of Rufus.

Simple Aveu ..... *Fr. Thomé*
SAXOPHONE SOLO
A. MEYER

SCENE 2. Hall in the Emperor's Palace.

SOLO: "Hymn of Our Lady."
"War March of the Priests," from "Athalie" ..... *Mendelssohn*

SCENE 3. Temple of Jove.

CHORUS: "Rome in Thy Splendor."
CHORUS: "Hail, Sing of Victory."
FINALE: "Canisius College March" ..... *C. Mischka*

CAST OF CHARACTERS.

ANTONINUS PIUS, Emperor of Rome ..... J. L. STAMP
ATHOL, Cup-bearer to the Emperor ..... E. CAVAGNARO
LUCIUS, Adopted son of Antoninus ..... L. J. LEAHY
POPE PIUS THE FIRST ..... R. E. CARROLL
AELIUS RUFUS, Prefect of Rome ..... H. J. SCHWING
CAIUS VARRO, a Roman Knight ..... D. J. Morgana
ZEUXO, a Greek, acting as Priest of Isis ..... H. P. MILLER
MARCUS BRENNUS, Prefect of the Praetorians ..... F. A. GROWNEY
SICCA, Roman Senator ..... N. E. ERHARDT
OENON, Græcian Boy ..... G. WALSH

VESPIUS	Senators and Conspirators	C. S. DESMOND
LICINIUS		W. F. BROWN
DRUSUS		A. BIFARELLA
VALERIAN		K. KILLEEN
CARLO		R. CAVAGNARO

Castro.....I. E. Zielonka
Priest of Jove.....J. Fronczak
Priest of Jove.....L. McLean
Priest of Cybelle.....J. H. Christman
Priest of Cybelle.....J. Callahan
Priest of Ceres..... J. Mogenhan
Priest of Ceres.....J. A. Bach
Afer, in the service of Rufus.....F. O. Nash
Officer .....C. E. O'Rourke
Guard .....V. P. Carr
Courier .....E. F. Hetzelt
Courtier .....D. P. Moynihan
Courtier .....W. Reese
Tabalus, Leader of the Mob.....M. A. Cullen
Fulvius, a Scrivener.....R. Schrankel
Publius.....C. J. Biesenger
Quintus..... Leading ..... M. Biniskiewicz
Paulus..... Citizens ..... J. Smith
Marcus.....F. A. Pfalzer
Citizens—P. Tronolone, H. F. Brown, E. L. Klocke, L. G. Manzella, L. A. Pingitore, R. Cavagnaro, E. F. Hetzelt, etc.
Soloist: John Korzelius, C. H. S.

Public Contest in Oratory

By Students of Canisius College, at Canisius High School Hall, Tuesday Evening, May 2, 1916, at Eight o'Clock.

PROGRAM.

"Apollo Overture".....*L. P. Laurendeau*
Introductory Address.....William F. Sheehan, '18
Orations:
"The Literary Test".....Richard V. Cavagnaro, '17
"True American Patriotism".....Martin H. Ebner, '18
"Education Without Religion".....Francis A. Growney, '18
"Christianity and Civilization".....Kevin Killeen, '18
"Ave Maria" ..... *Schubert*
Orations:
"America's Mission".....Dante J. Morgana, '17
"International Arbitration" .....Francis A. Pfalzer, '18
"The Pacification of Mexico".....John P. Smith, '18
"Berceuse" .....*Godard*

DECISION OF THE JUDGES.

"Call of the Wild"..... *Losey*

Judges: Mr. Charles J. Costello, Mr. John J. Hynes, Mr. Bartholomew J. Shanahan.

Music by the Canisius High School Orchestra.

Public Prize Debate

of the Canisius College Debating Society, for the Canisius Alumni Sodality Medal, at Canisius High School Hall, Washington Street, Tuesday Evening, March 28, 1916, at Eight o'Clock.

"Awakening of Spring".....*E. Bach*

Canisius High School Orchestra

DEBATE

Question—"*Resolved,* That President Wilson's Program of Preparedness shall be adopted.

Chairman: JOHN H. CHRISTMAN, '16

First Affirmative.....CHARLES S. DESMOND, '17
First Negative.....JOHN P. SMITH, '18
Second Affirmative .....KEVIN KILLEEN, '18
Second Negative.....PASCAL J. TRONOLONE, '17
Third Affirmative .....MARTIN H. EBNER, '18
Third Negative .....DANTE J. MORGANA, '17

REBUTTAL

Serenade ..... *Franz*
Violin, with Orchestra Accompaniment.....*Drdla*
Soloist, CLARENCE J. WIRGEO

ANNOUNCEMENT OF DECISION OF JUDGES

"Call of the Wild".....*F. A. Losey*
CANISIUS HIGH SCHOOL ORCHESTRA

JUDGES: ROBERT T. BAPST, A.M., Ph.D.; HENRY J. DOLL, A.M., M.D.; JOSEPH A. WECHTER, A.M., LL.B.

Philosophical Disputation

By the Students of the Senior and Junior Classes at Canisius College, Buffalo, N. Y., Tuesday, May 23, 1916, Eleven o'Clock A. M.
RT. REV. MGR. NELSON H. BAKER, Presiding.

PROGRAM

PART I.

MUSIC: Overture .....*E. H. Frey*
INSTRUMENTAL QUARTET

DISPUTATION

Under the Direction of
REV. HERMAN J. MAECKEL, S. J.,
Professor of Philosophy

DISSERTATIONEM PRAEVIAM habebit.....DANTE J. MORGANA, '17

THESES DEFENDENDAE.

Sunt actiones intrinsece et natura sua ideoque independenter a quocumque praecepto extrinseco honestae vel inhonestae.
Homo per veram legem naturalem participat legem aeternam.
Admittendum est verum ius naturale independenter a quacumque lege positiva validum.
Ius acquirendi proprietatem generatim spectatum est ius naturale; factum vero primigenium, ius proprietatis in concreto determinans est occupatio.
Systema socialistarum falsis fundamentis innititur atque in se impossibile et absurdum est.
Communis possessio soli exclusiva impossibilis est.
INTERMEZZO: "Liebesfruehling" .....*J. Ehrich*
INSTRUMENTAL TRIO

PART II.

DISSERTATION: "The Single Tax of Henry George"
THADDEUS R. WOZNIAK, '16

THESES

Societas civilis in sua specie considerata communem hominum socialem naturam necessario consequitur.

Suprema potestas politica secundum se immediate a Deo, auctore naturae, descendit.

Finis civitatis est prosperitas publica sive complexus condicionum requisitarum, ut omnia, quantum fieri potest, membra organica societatis omnimodam felicitatem temporalem et fini ultimo subordinatam directe per se consequi valeant.

Societas civilis qua talis tenetur ad cultum Deo exhibendum. Reicienda est omnimoda separatio inter Ecclesiam et civitatem.

In rebus mere civilibus civitas est ab Ecclesia independens; similiter Ecclesia est independens a civitate in rebus moralibus et religiosis. Earum vero rerum, quae sub diverso respectu tum ad forum ecclesiasticum tum civile pertinent, et in quibus mutua conventione concordia non obtinetur, supremum iudicium est penes Ecclesiam.

MUSIC: March .....*E. H. Frey*

INSTRUMENTAL QUINTET

Violins: C. O'Rourke, V. Cogan, H. Schwing.

Flute: A. Testa.

Piano: N. Schaefer.

Music under the direction of Rev. John G. Hacker, S. J.

Forty-Sixth Annual Commencement

at Teck Theatre, Buffalo
Sunday evening, June 18, 1916, at 8 o'clock

PROGRAM

The Rt. Rev. Dennis J. Dougherty, D. D.,
Presiding

I.

Processional—Canisius College March.....C. Mischka

Overture—Light Cavalry .....*Suppé*

Class Poem:
Herbert P. Miller

Bachelors' Orations:
Attitude of Liberalism Towards the Church,
John L. Lynch

False Principles of Liberalism,
Edward V. Canavan

Master's Oration:
Liberalism and Socialism,
Denis C. Harrington, A. B.

Intermezzo—Shadowland .....*L. B. Gilbert*

II.

CONFERRING OF DEGREES

Rev. George J. Krim, S. J., President of Canisius College
Valedictory:
John H. Christman

AWARD OF HONORS

Menuetto e Gavotta from "Pagliacci".....*Leoncavallo*

Address to Graduates:
Hon. Michael J. Ryan

March—Gippsland.....A. F. Lithgow

Music by Canisius High School Orchestra
Rev. John G. Hacker, S. J., Director

Degrees Conferred

BACHELOR OF ARTS

CHARLES JOSEPH BIESINGER

EDWARD VINCENT CANAVAN

JOHN HENRY CHRISTMAN (*cum laude*)

FRANCIS JOSEPH JANIK (*cum laude*)

WILLIAM JOSEPH LUTZ (*cum laude*)

JOHN LAWRENCE LYNCH

HERBERT PETER MILLER

ANGELO FIORELLO TESTA (*magna cum laude*)

THADDEUS RALPH WOZNIAK (*magna cum laude*)

BACHELOR OF SCIENCE

HENRY EUGENE CONLIN

HAROLD EMANUEL SCHWING

MASTER OF ARTS

CHARLES GEORGE BARTH, A. B., Canisius College, '15
Thesis: Separation of Church and State.

RAIEMOND EDMUND DEE, A. B., Canisius College, '15
Thesis: Christian Schools the Salvation of America.

DENIS CYRIL HARRINGTON, A. B., Canisius College, '15
Thesis: Origin of the State.

ARTHUR STUART HUEBSCHWERLEN, A. B., Canisius College, '15
Thesis: Darwinian Evolution.

IGNATIUS CHARLES MARTINA, A. B., Canisius College, '15
Thesis: The Church and Civil Power.

MICHAEL THOMAS SULLIVAN, A. B., Canisius College, '15
Thesis: Marriage and Divorce.

THEODORE JOHN VOGT, A. B., Campion College, '15
Thesis: The State and Education.

GEORGE WILLIAM WANAMAKER, A. B., Canisius College, '15
Thesis: Natural Law and International Law.

Award of Honors

SENIOR

The Gold Medal for Philosophy
(Gift of Rev. William Brehl, Pittston, Pa.)
was awarded to
ANGELO F. TESTA

JUNIOR

The Gold Medal for the Highest Class Standing
(Gift of John J. Hynes, A. B.)
was awarded to
DANTE J. MORGANA

PREMIUM
LOUIS G. MANZELLA

DISTINGUISHED IN

Philosophy.....Pascal J. Tronolone, Alexander Jankowski, Charles S. Desmond, Leo M. McDonough, Michael F. Biniszkiewicz, Stanley V. Sciarrino, Norbert B. Schaefer, Harold F. Brown.

Evidences of Religion.....Charles S. Desmond, Harold F. Brown, Norbert B. Schaefer, Leo M. McDonough, Alexander Jankowski, Timothy J. Ring, Stanley V. Sciarrino, Pascal J. Tronolone, Michael F. Biniszkiewicz.

History.....PREMIUM: Dante J. Morgana.

Natural Sciences.....PREMIUM: Pascal J. Tronolone.
DISTINGUISHED: Louis J. Manzella.

JUNIOR—Scientific Course

The Gold Medal for the Highest Class Standing
(Gift of Mr. George C. Ginther)
was awarded to
RICHARD V. CAVAGNARO

SOPHOMORE

The Gold Medal for the Highest Class Standing
(Gift of Rev. A. C. Kampshoff, City)
was awarded to
MARTIN H. EBNER

PREMIUM
JOHN P. SMITH

Religion.....DISTINGUISHED: Ladislas J. Krecis-zewski, Michael J. Miller, Paul P. Schifferli, Anthony P. Bifarella, Vincent J. Sokolowski, William F. Sheehan, Erasmus F. Pauly, Frank A. Pfalzer, Francis A. Growney, Kevin Killeen, Matthew A. Cullen, Dionysius T. Rahill.

English.....DISTINGUISHED: Michael J. Miller, Kevin Killeen, Paul P. Schifferli, Frank A. Pfalzer, Matthew A. Cullen, Francis A. Growney, Erasmus F. Pauly, William F. Sheehan, Dionysius T. Rahill.

Latin.....DISTINGUISHED: Ladislas J. Krecis-zewski, Michael J. Miller, Vincent J. Sokolowski, Paul P. Schifferli, Erasmus F. Pauly.

Greek.....DISTINGUISHED: Paul P. Schifferli, Ladislas J. Kreciszewski, Erasmus F. Pauly, Michael J. Miller, Vincent J. Sokolowski, Francis A. Growney, William F. Sheehan, Kevin Killeen, Matthew A. Cullen.

History.....DISTINGUISHED: Joseph A. Bach, Anthony P. Bifarella, Matthew A. Cullen, Martin H. Ebner, Francis A. Pfalzer, Paul P. Schifferli, John P. Smith, Ladislas J. Kreciszewski, William J. Kirchmyer.

Natural Sciences.....PREMIUM: Martin H. Ebner.
DISTINGUISHED: Matthew A. Cullen, William F. Sheehan, Michael J. Miller, Kevin Killeen, Paul P. Schifferli, John P. Smith, Francis A. Pfalzer.

SOPHOMORE—Scientific Course

The Gold Medal for the Highest Class Standing
(Gift of Mr. Jacob Gerhard Lang)
was awarded to
EUGENE L. KLOCKE

PREMIUM
JOHN L .STAMP

Mathematics (Calculus)....PREMIUM: Eugene L. Klocke.
DISTINGUISHED: John L. Stamp.

Special Medal in Mechanical Drawing awarded to
EUGENE L. KLOCKE

FRESHMAN—Arts—Section A

The Gold Medal for the Highest Class Standing
(Gift of Mr. R. E. Burges)
was awarded to
HENRY R. WOZNIAK

PREMIUM
DANIEL P. MOYNIHAN

Latin.....DISTINGUISHED: Gerald J. Cooley, Arthur W. St. Cyr.

Greek.....DISTINGUISHED: Gerald J. Cooley, Arthur W. St. Cyr.

Evidences of Religion.....DISTINGUISHED: J. Vincent Gehring, Erwin F. Hetzelt, Gerald L. Kenealy, Gerald J. Cooley, Florian L. Sokolowski, Ernest E. Cavagnaro, Alfred A. Heinis, Harry W. Hirzel, Rupert A. Schrankel.

History.....DISTINGUISHED: Anthony B. Borkowski, Erwin F. Hetzelt, Henry R. Wozniak.

English.....DISTINGUISHED: Erwin F. Hetzelt, Daniel P. Moynihan, Henry R. Wozniak.

German.....PREMIUM: Ernest E. Cavagnaro.
DISTINGUISHED: Clarence J. Hurmer, Erwin F. Hetzelt, Herbert J. Miller, Rupert A. Schrankel, Anthony B. Borkowski.

Mathematics (Trigonometry and Analytical Geometry).....PREMIUM: Daniel P. Moynihan.
DISTINGUISHED: Gerald J. Cooley, Erwin F. Hetzelt, Gerald L. Kenealy.

FRESHMAN—Arts—Section B

The Gold Medal for the Highest Class Standing
(Gift of Andrew P. Ronan, A. M.)
was awarded to
LOUIS A. PINGITORE

PREMIUM
JOHN H. KENNEDY

Latin.....DISTINGUISHED: George C. Zimpfer,

Raymond J. Mason, Edward M. Sheehan, William J. Reese.

Greek.....DISTINGUISHED: George C. Zimpfer, Raymond J. Mason, William J. Reese, Edward M. Sheehan.

English.....DISTINGUISHED: Glen Edward Walsh, George C. Zimpfer, Richard M. McKeon, William D. Wischerath, William J. Reese.

History.....DISTINGUISHED: Louis A. Pingitore.

German.....PREMIUM: Louis A. Pingitore.
DISTINGUISHED: Hugh Bihler, Edward M. Sheehan, George C. Zimpfer.

Mathematics (Trigonometry and Analytical Geometry).....DISTINGUISHED: Joseph Tremblay, Louis A. Pingitore, William D. Wischerath.

FRESHMAN—Scientific Course

The Gold Medal for the Highest Class Standing
(Gift of Francis M. O'Gorman, A. M., M. D., President of the Canisius Alumni Association)
was awarded *ex aequo* to
ERNEST E. CAVAGNARA
AND
ALFRED A. HEINIS

PREMIUM
RUPERT A. SCHRANKEL

DISTINGUISHED: Rupert A. Schrankel, Herbert J. Miller.

French.....DISTINGUISHED: Alfred A. Heinis.

Mathematics.....PREMIUM: Alfred A. Heinis.
DISTINGUISHED: Herbert J. Miller. Harry W. Hirzel.

Pre-Medical Course.....DISTINGUISHED: William M. Callahan, Physics, Biology; John A. Morgenthau, Physics, Triology; Carl C. Koester, Biology.

Special Students.....Aaron Price: Premium, French; Distinguished, History, Philosophy.

SPECIAL PRIZES

The Gold Medal for Excellence in Debate, given by the Canisius Alumni Sodality, was awarded to John P. Smith, '18.

The Gold Medal for Oratory, given by Col. John L. Schwartz, was awarded to Dante J. Morgana, '17.

A Special Prize of twenty dollars in gold for the best essay on some literary or historical subject (gift of Mrs. Mary A. Boland), was awarded to William F. Sheehan, '18. Subject: Newman, the Prince of Stylists.

A Special Prize of twenty dollars in gold for the best essay on some subject in Chemistry (given by Frank J. Boland, A. M.), was awarded to Eugene L. Klocke, '18. Subject: Purification of Drinking Water.

CLASS OF 1916

Organization

President.....John H. Christman

Vice-President.....Herbert P. Miller

Secretary.....Charles J. Biesinger

Treasurer.....John L. Lynch

Late comers cannot compete for class honors.

Special Notice

Entrance Examinations and Examinations of Conditioned Students will be held at the College, Thursday, Friday and Saturday, September 7, 8 and 9, from 9 to 12 A. M.

Registration of new students from Tuesday, September 5.

The College classes will be resumed Monday, September 11.

It is important that all students should attend promptly on the opening day.

INDEX

GENERAL INFORMATION:

Calendar 3
Incorporation 5
Faculty 6
History 7
System of Education 8
Outline of Studies 10
Sessions and Holidays 13
Admission 13
Examinations and Reports 14
Premiums and Distinctions 15
Scholarships 15
Discipline 16
Academic Costume 17
General Description of Equipment 18
Library 18
Equipment of Science Department 19
Chemistry 19
Physics 20
Biology 21
Geology 22
Astronomy 22
The Meteorological Observatory 23
The College Museum 23
The Seismological Observatory 24
Recreation and Athletics 24
Fees and Other Expenses 25
Arts Course, Requirements for Admission 26
Course of Studies 28
Weekly Summary 37
Schedule of Lectures and Recitations 38
General Science Course, Scope of Course 39
Requirements for Admission 39
Outline of Course 41
Weekly Summary 43
Pre-Medical Course for Special Students 44
Elective Courses 45
Degrees and Postgraduate Courses 49
Needs of the College 50
Acknowledgments 51

THE YEARLY RECORD:

Catalogue of Students arranged by Classes 52
Alphabetical List of Students 57
College Organizations 61
Public Academic Exercises 66
Forty-fifth Annual Commencement 71
Conferring of Degrees 72
Award of Honors 73

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